

## FY2018 Fukushima Prefecture Survey Results

[Outline of results]

### (1) Water

#### Rivers

Cs-134: Not detectable at any location

Cs-137: ND – 0.90 Bq/L

#### Lakes and reservoirs

Cs-134: Not detectable at any location

Cs-137: ND – 5.1 Bq/L

#### Coastal areas

Radioactive cesium (Cs-134, Cs-137): Not detectable at any location

### (2) Sediments

#### Rivers

Cs-134: ND - 560 Bq/kg (dry)

Cs-137: ND - 6,600 Bq/kg (dry)

#### Lakes and reservoirs

Cs-134: ND - 29,000 Bq/kg (dry)

Cs-137: 1.3 - 320,000 Bq/kg (dry)

#### Coastal areas

Cs-134: ND - 47 Bq/kg (dry)

Cs-137: 1.4 - 390 Bq/kg (dry)

### (3) Surrounding Environment

#### (a) Soil

##### Rivers

Cs-134: ND - 11,000 Bq/kg (dry)

Cs-137: 1.6 - 110,000 Bq/kg (dry)

##### Lakes and reservoirs

Cs-134: ND - 22,000 Bq/kg (dry)

Cs-137: 10 - 220,000 Bq/kg (dry)

#### (b) Ambient dose rate

##### Rivers

0.04 - 3.41  $\mu$ Sv/h

##### Lakes and reservoirs

0.04 – 9.15  $\mu$ Sv/h

# Fukushima River (Water/Hamadori Area) 1/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks	
	Location	Municipality	Water temperature (°C)					Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium			
															Cs-134	Cs-137		
R i v e r s	1	Jizogawa River	Hamahata Bridge	Shinchi Town	2018/5/3	Cloudy	18.3	0.5	18.1	0.0	Grayish yellow green	None	53	1,520	9	6.1	<0.65	<0.69
					2018/6/13	Sunny	23.1	0.5	20.0	0.0	Grayish yellow	None	36	339	13	11	<0.66	<0.84
					2018/8/6	Rain	22.1	0.5	24.5	0.0	Light grayish yellow green	None	>100	3,810	3	0.4	<0.67	<0.84
					2018/10/6	Cloudy	21.0	0.6	22.3	0.0	Grayish greenish yellow	None	>100	4,480	5	2.9	<0.74	<0.92
					2018/11/10	Cloudy	17.9	0.5	17.4	0.0	Grayish yellow green	None	99	3,590	4	2.8	<0.60	<0.92
					2018/12/5	Sunny	15.0	0.5	12.9	0.0	Light grayish greenish yellow	None	>100	3,040	2	1.5	<0.67	<0.88
	2	Koizumi River	Koizumi Bridge	Soma City	2018/5/14	Sunny	24.6	0.4	21.5	0.0	Grayish yellow	None	58	18.8	11	5.7	<0.70	<0.69
					2018/6/13	Sunny	24.7	0.3	20.1	0.0	Grayish yellow	None	73	17.4	9	5.2	<0.70	<0.63
					2018/8/6	Cloudy	22.8	0.3	22.5	0.0	Light grayish yellow	None	85	22.0	10	5.0	<0.69	<0.74
					2018/10/4	Sunny	23.6	0.3	18.8	0.0	Light grayish yellow	None	>100	19.5	3	2.0	<0.84	<0.55
					2018/11/10	Cloudy	16.8	0.4	17.7	0.0	Grayish yellow	None	27	23.5	17	14	<0.61	<0.81
					2018/12/14	Sunny	8.6	0.3	7.3	0.0	Light grayish reddish yellow	None	>100	25.6	3	2.4	<0.63	<0.66
	3	Uda River	Hyakken Bridge	Soma City	2018/5/3	Rain	20.7	0.5	21.0	0.0	Grayish yellow	None	62	589	5	3.4	<0.80	<0.55
					2018/6/1	Sunny	20.5	0.6	23.2	0.0	Grayish greenish yellow	None	47	2,730	3	2.8	<0.82	<0.92
					2018/8/13	Cloudy	29.1	0.3	25.1	0.0	Light grayish yellow	None	28	277	18	13	<0.81	<0.88
					2018/10/6	Cloudy	21.9	0.3	19.9	0.0	Grayish yellow	None	35	107	14	12	<0.70	<0.80
					2018/11/5	Cloudy	16.7	0.5	16.3	0.0	Grayish yellow	None	43	3,190	8	6.8	<0.63	<0.55
					2018/12/5	Cloudy	15.0	0.6	11.6	0.0	Dark grayish yellow green	None	90	3,330	5	2.5	<0.78	<0.69
	4	Uda River	Horisaka Bridge	Soma City	2018/5/3	Cloudy	22.5	0.4	16.0	0.0	Light grayish yellow	None	92	10.0	2	1.9	<0.60	<0.75
					2018/6/6	Cloudy	20.5	0.3	19.3	0.0	Light grayish yellow	None	95	11.5	3	2.8	<0.72	<0.75
					2018/8/6	Cloudy	22.3	0.3	22.4	0.0	Light grayish yellow	None	>100	11.5	3	1.4	<0.50	<0.61
					2018/10/4	Sunny	23.6	0.5	17.3	0.0	Light grayish yellow	None	>100	9.9	2	1.6	<0.70	<0.66
					2018/11/5	Cloudy	17.5	0.3	13.6	0.0	Light grayish yellow	None	>100	10.1	<1	0.6	<0.76	<0.75
					2018/12/14	Sunny	5.4	0.4	4.6	0.0	Light grayish yellow green	None	>100	11.3	<1	0.4	<0.89	<0.63
	5	Uda River	Hyakken Bridge	Soma City	2018/5/3	Cloudy	21.2	0.2	21.2	0.0	Light grayish yellow	None	>100	2,500	2	1.6	<0.59	<0.61
					2018/6/1	Sunny	24.4	0.2	24.3	0.0	Light grayish yellow	None	>100	367	1	0.8	<0.74	<0.92
					2018/8/13	Cloudy	28.7	0.3	22.1	0.0	Light grayish reddish yellow	None	>100	117	3	2.2	<0.63	<0.80
					2018/10/6	Cloudy	20.5	0.3	18.1	0.0	Light grayish reddish yellow	None	>100	19.2	4	2.5	<0.81	<0.69
					2018/11/5	Cloudy	16.8	0.3	15.4	0.0	Light grayish yellow	None	>100	654	2	1.0	<0.61	<0.84
					2018/12/5	Cloudy	14.4	0.3	11.3	0.0	Light grayish reddish yellow	None	>100	1,090	6	2.4	<0.69	<0.84
	6	Mano River	Ochiai Bridge	Minamisoma City	2018/5/2	Cloudy	19.2	0.5	15.5	0.0	Grayish greenish yellow	None	80	11.8	6	3.9	<0.65	<0.60
					2018/6/18	Cloudy	25.2	0.5	17.2	0.0	Light grayish yellow	None	>100	10.9	3	1.8	<0.55	<0.84
					2018/8/13	Sunny	29.6	0.6	21.6	0.0	Light grayish yellow	None	>100	10.8	2	0.9	<0.61	<0.61
					2018/10/16	Cloudy	21.1	0.5	17.8	0.0	Light grayish yellow	None	>100	12.6	1	0.8	<0.48	<0.66
					2018/11/12	Sunny	18.5	0.4	16.5	0.0	Light grayish reddish yellow	None	>100	13.4	2	0.9	<0.54	<0.63
					2018/12/14	Sunny	6.9	0.5	8.8	0.0	Light grayish yellow	None	>100	12.2	<1	0.5	<0.89	<0.70
	7	Mano River	Majima Bridge	Minamisoma City	2018/5/2	Cloudy	17.5	0.5	18.2	0.0	Grayish yellow green	None	42	1,870	15	10	<0.79	<0.75
					2018/6/1	Sunny	22.0	0.6	19.3	0.0	Grayish greenish yellow	None	48	1,910	9	6.3	<0.63	<0.69
					2018/8/13	Cloudy	27.7	0.3	22.2	0.0	Grayish yellow	None	>100	537	9	4.3	<0.67	<0.84
					2018/10/6	Cloudy	19.9	0.4	19.3	0.0	Light grayish greenish yellow	None	>100	349	1	1.4	<0.73	<0.48
2018/11/6					Cloudy	16.1	0.4	17.1	0.0	Grayish greenish yellow	None	85	2,570	4	4.5	<0.87	<0.80	
2018/12/3					Cloudy	11.2	0.6	11.8	0.0	Dark grayish yellow green	None	90	4,070	4	2.0	<0.70	<0.66	
8	Niida River	Kusano	Iitate Village	2018/5/8	Rain	8.5	0.4	10.8	0.0	Light grayish yellow	None	70	10.5	4	4.4	<0.65	<0.69	
				2018/6/7	Sunny	26.9	0.4	21.5	0.0	Light grayish reddish yellow	None	>100	8.6	3	3.1	<0.79	<0.69	
				2018/8/23	Sunny	32.9	0.6	25.2	0.0	Light grayish reddish yellow	None	>100	8.5	2	2.1	<0.55	<0.84	
				2018/10/9	Cloudy	19.2	0.5	16.4	0.0	Light grayish yellow	None	>100	8.4	2	1.6	<0.75	<0.84	
				2018/11/18	Sunny	11.2	0.5	9.7	0.0	Light grayish reddish yellow	None	>100	8.2	1	1.3	<0.81	<0.75	
				2018/12/13	Sunny	4.8	0.5	3.4	0.0	Light grayish yellow	None	>100	8.5	2	1.6	<0.67	<0.88	

# Fukushima River (Water/Hamadori Area) 2/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water						Activity concentration(Bq/L)		Remarks			
	Location	Location						Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)		Radioactive cesium		
																	Cs-134	Cs-137	
R i v e r s	9	Komiya	Iitate Village	2018/5/8	Rain	10.2	0.5	11.1	0.0	Grayish greenish yellow	None	73	7.3	6	3.2	<0.66	<0.84		
				2018/6/7	Sunny	24.2	0.2	17.5	0.0	Light grayish reddish yellow	None	>100	7.8	4	2.5	<0.71	<0.80		
				2018/8/23	Sunny	32.2	0.3	21.4	0.0	Light grayish yellow	None	>100	7.8	2	1.9	<0.68	<0.80		
				2018/10/9	Sunny	16.8	0.3	14.9	0.0	Light grayish reddish yellow	None	>100	7.7	2	1.0	<0.68	<0.75		
				2018/11/18	Sunny	10.3	0.3	8.3	0.0	Light grayish yellow	None	>100	8.0	<1	0.9	<0.66	<0.80		
	10	Niida River	Kidouchi Bridge		2018/12/13	Sunny	0.4	0.4	3.2	0.0	Grayish greenish yellow	None	>100	8.7	2	1.7	<0.83	<0.88	
					2018/5/2	Cloudy	21.3	0.3	18.6	0.0	Light grayish yellow	None	>100	7.3	1	1.2	<0.61	<0.55	
					2018/6/18	Cloudy	24.1	0.4	16.9	0.0	Light grayish yellow	None	>100	7.8	<1	0.8	<0.71	<0.63	
					2018/8/16	Cloudy	24.4	0.5	22.5	0.0	Light grayish yellow	None	>100	8.2	2	1.6	<0.56	<0.60	
					2018/10/4	Cloudy	23.4	0.5	18.1	0.0	Light grayish yellow	None	>100	7.7	3	1.8	<0.70	<0.69	
	11		Sakekawa Bridge		2018/11/6	Cloudy	16.1	0.4	13.9	0.0	Light grayish yellow	None	>100	7.6	<1	0.7	<0.76	<0.55	
					2018/12/3	Cloudy	13.3	0.4	8.4	0.0	Light grayish yellow	None	>100	9.1	<1	0.8	<0.67	<0.75	
					2018/5/2	Cloudy	20.2	0.6	18.8	0.0	Grayish yellow green	None	75	330	5	3.6	<0.86	<0.70	
					2018/6/1	Sunny	21.4	0.6	19.6	0.0	Grayish yellow	None	>100	220	4	3.6	<0.66	<0.63	
					2018/8/13	Cloudy	26.6	0.6	19.9	0.0	Grayish greenish yellow	None	>100	13.0	6	2.8	<0.61	<0.81	
	12		Ishiwatado Bridge	Minamisoma City	2018/10/10	Sunny	23.6	0.6	19.5	0.0	Grayish yellow	None	>100	203	2	1.8	<0.60	<0.84	
					2018/11/6	Cloudy	16.1	0.6	15.3	0.0	Grayish yellow green	None	>100	128	<1	0.7	<0.72	<0.79	
					2018/12/3	Cloudy	10.7	0.7	9.4	0.0	Dark grayish yellow green	None	>100	66.0	2	0.9	<0.70	<0.61	
					2018/5/11	Sunny	15.0	0.4	12.1	0.0	Light grayish greenish yellow	None	>100	5.5	2	1.1	<0.80	<0.66	
					2018/6/4	Sunny	20.8	0.5	17.5	0.0	Light grayish yellow green	None	>100	5.5	1	1.3	<0.81	<0.92	
13	Ota River	Yagawara Bridge		2018/8/21	Sunny	28.2	0.6	21.0	0.0	Light grayish yellow	None	>100	5.0	1	1.2	<0.51	<0.63		
				2018/10/15	Cloudy	18.3	0.5	17.6	0.0	Light grayish yellow	None	>100	5.4	<1	0.6	<0.87	<0.84		
				2018/11/13	Cloudy	13.5	0.5	13.9	0.0	Light grayish yellow	None	>100	5.7	<1	0.6	<0.78	<0.84		
				2018/12/4	Sunny	17.5	0.5	12.3	0.0	Light grayish yellow	None	>100	6.1	<1	0.7	<0.82	<0.54		
				2018/5/28	Sunny	25.3	0.3	19.1	0.0	Light grayish yellow	None	>100	6.0	1	0.8	<0.80	<0.63		
14		Masuda Bridge		2018/6/19	Cloudy	22.0	0.3	16.9	0.0	Light grayish yellow	None	>100	6.9	1	0.9	<0.83	<0.69		
				2018/8/8	Rain	19.6	0.4	20.5	0.0	Light grayish reddish yellow	None	>100	6.8	4	1.6	<0.47	<0.75		
				2018/10/3	Sunny	24.5	0.5	20.8	0.0	Light grayish reddish yellow	None	>100	6.3	2	0.8	<0.74	<0.55		
				2018/11/15	Sunny	8.4	0.3	11.5	0.0	Light grayish reddish yellow	None	>100	6.6	<1	0.5	<0.61	<0.63		
				2018/12/16	Cloudy	10.4	0.3	7.7	0.0	Light grayish reddish yellow	None	>100	6.5	<1	0.6	<0.65	<0.75		
15		JR Tetsudo Bridge		2018/5/29	Sunny	26.4	0.7	21.5	0.0	Light grayish yellow	None	>100	8.3	3	2.7	<0.61	<0.80		
				2018/6/20	Cloudy	19.5	0.6	16.7	0.0	Light grayish yellow	None	>100	9.0	4	2.2	<0.78	<0.80		
				2018/8/27	Rain	25.4	0.6	20.2	0.0	Light grayish yellow	None	>100	7.7	3	1.6	<0.83	<0.84		
				2018/10/20	Cloudy	16.0	0.7	16.1	0.0	Light grayish yellow	None	>100	7.6	2	1.1	<0.63	<0.63		
				2018/11/13	Sunny	15.8	0.6	15.5	0.0	Light grayish yellow	None	>100	8.1	2	1.1	<0.63	<0.75		
				2018/12/7	Cloudy	7.4	0.7	11.7	0.0	Light grayish yellow green	None	>100	9.2	1	0.9	<0.82	<0.69		
				2018/5/29	Sunny	25.2	0.3	19.2	0.0	Light grayish yellow	None	82	8.2	10	4.5	<0.76	<0.69		
				2018/6/20	Cloudy	19.3	0.3	16.7	0.0	Light grayish yellow	None	>100	9.1	5	2.6	<0.76	<0.80		
				2018/8/27	Rain	25.5	0.3	20.5	0.0	Light grayish reddish yellow	None	>100	8.4	5	2.0	<0.72	<0.80		
				2018/10/20	Cloudy	15.6	0.3	15.9	0.0	Light grayish yellow	None	>100	7.9	2	1.1	<0.77	<0.61		
				2018/11/13	Sunny	15.8	0.3	15.4	0.0	Light grayish yellow	None	>100	8.3	2	1.4	<0.81	<0.84		
				2018/12/7	Cloudy	8.2	0.4	11.4	0.0	Light grayish yellow	None	>100	9.5	2	1.5	<0.68	<0.80		

# Fukushima River (Water/Hamadori Area) 3/8

R i v e r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks		
	No.	Location	Municipality					Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium			
																Cs-134		Cs-137	
R i v e r s	16	Ota River	Maruyama Bridge	Minamisoma City	2018/5/5	Cloudy	11.1	0.3	12.2	0.0	Light grayish yellow	None	47	16.5	8	7.1	<0.67	<0.84	
					2018/6/3	Cloudy	19.0	0.4	19.6	0.0	Light grayish yellow	None	45	548	12	7.1	<0.96	<0.80	
					2018/8/12	Cloudy	25.5	0.4	21.9	0.0	Light grayish yellow	None	83	200	11	5.9	<0.54	<0.88	
					2018/10/18	Sunny	13.5	0.3	15.7	0.0	Light grayish reddish yellow	None	>100	29.9	4	2.9	<0.85	<0.75	
					2018/11/11	Sunny	13.2	0.3	14.4	0.0	Light grayish reddish yellow	None	>100	756	2	2.2	<0.81	<0.80	
					2018/12/2	Sunny	4.2	0.3	7.6	0.0	Light grayish reddish yellow	None	98	133	3	2.8	<0.88	<0.63	
	17	Shimokawara Bridge	Minamisoma City	2018/5/17	Cloudy	20.8	0.3	15.6	0.0	Light grayish reddish yellow	None	>100	8.2	1	0.6	<0.58	<0.96		
				2018/6/18	Cloudy	21.7	0.3	15.9	0.0	Light grayish reddish yellow	None	>100	8.1	2	0.7	<0.62	<0.61		
				2018/8/20	Sunny	27.9	0.3	19.5	0.0	Light grayish reddish yellow	None	>100	8.0	2	1.2	<0.68	<0.63		
				2018/10/3	Sunny	23.0	0.4	19.1	0.0	Light grayish reddish yellow	None	>100	9.4	4	1.9	<0.66	<0.92		
				2018/11/11	Sunny	21.2	0.3	15.1	0.0	Light grayish reddish yellow	None	>100	9.4	1	0.9	<0.60	<0.69		
				2018/12/8	Sunny	6.1	0.3	10.3	0.0	Light grayish reddish yellow	None	>100	10.8	<1	0.2	<0.77	<0.55		
	18	Odaka River	Zenko Bridge	Minamisoma City	2018/5/19	Cloudy	16.0	0.5	14.7	0.0	Grayish yellow	None	43	10.6	12	8.3	<0.87	<0.88	
					2018/6/17	Cloudy	18.6	0.4	16.6	0.0	Light grayish reddish yellow	None	>100	10.6	4	2.7	<0.62	<0.48	
					2018/8/20	Sunny	29.7	0.4	21.2	0.0	Light grayish reddish yellow	None	>100	10.4	2	2.1	<0.61	<0.88	
					2018/10/2	Sunny	24.5	0.6	20.1	0.0	Grayish yellow	None	95	9.9	7	4.0	<0.74	<0.66	
					2018/11/11	Sunny	20.2	0.3	14.1	0.0	Light grayish reddish yellow	None	>100	12.8	6	2.8	<0.61	<0.80	
					2018/12/9	Sunny	5.5	0.3	8.3	0.0	Light grayish yellow	None	95	13.7	1	1.4	<0.77	<0.88	
	19	Hatsukara Bridge	Minamisoma City	2018/5/5	Sunny	17.4	0.5	13.8	0.0	Grayish yellow	None	65	348	12	6.1	<0.49	<0.61		
				2018/6/3	Cloudy	19.6	0.5	19.9	0.0	Light grayish yellow	None	42	848	14	8.9	<0.81	<0.92		
				2018/8/12	Cloudy	26.8	0.5	21.4	0.0	Light grayish yellow	None	53	317	12	9.0	<0.84	<0.74		
				2018/10/7	Sunny	29.9	0.4	21.3	0.0	Grayish yellow	None	50	313	12	9.1	<0.73	<0.75		
				2018/11/11	Sunny	17.0	0.5	15.8	0.0	Grayish yellow green	None	80	2,320	7	5.2	<0.68	<0.88		
				2018/12/2	Sunny	10.9	0.5	13.4	0.0	Light grayish yellow green	None	>100	4,930	6	1.6	<0.76	<0.84		
	20	Murohara Bridge	Namic Town	2018/5/16	Sunny	31.8	0.3	17.7	0.0	Light grayish yellow	None	>100	6.1	<1	0.6	<0.80	<0.75		
				2018/6/9	Cloudy	27.3	0.3	20.3	0.0	Light grayish reddish yellow	None	>100	6.4	1	0.6	<0.59	<0.75		
				2018/7/10	Cloudy	29.4	0.3	22.5	0.0	Light grayish reddish yellow	None	>100	6.4	1	0.8	<0.76	<0.69		
				2018/8/18	Sunny	25.7	0.6	21.2	0.0	Light grayish reddish yellow	None	>100	5.5	2	1.3	<0.72	<0.75		
				2018/9/10	Rain	20.4	0.4	18.3	0.0	Light grayish reddish yellow	None	>100	6.5	<1	0.9	<0.64	<0.71		
				2018/10/13	Cloudy	18.2	0.5	17.0	0.0	Light grayish reddish yellow	None	>100	6.2	1	0.9	<0.61	<0.75		
		Ukedo River	Ukedo Bridge	2018/11/15	Sunny	15.9	0.3	11.6	0.0	Light grayish reddish yellow	None	>100	7.1	<1	0.8	<0.86	<0.63		
				2018/12/15	Cloudy	5.0	0.3	6.1	0.0	Light grayish reddish yellow	None	>100	6.9	<1	0.7	<0.86	<0.66		
				2019/1/18	Sunny	4.5	0.2	3.3	0.0	Light grayish reddish yellow	None	>100	7.0	<1	0.4	<0.74	<0.66		
				2019/2/12	Sunny	5.5	0.2	3.7	0.0	Light grayish reddish yellow	None	>100	8.4	<1	0.6	<0.55	<0.85		
				2018/5/5	Cloudy	20.3	0.5	16.6	0.0	Grayish yellow green	None	>100	9.6	3	2.0	<0.76	<0.61		
				2018/6/3	Cloudy	21.4	0.6	19.9	0.0	Light grayish yellow	None	>100	10.7	3	2.4	<0.66	<0.63		
21	Ukedo Bridge	Namic Town	2018/7/5	Cloudy	28.9	0.5	22.8	0.0	Light grayish greenish yellow	None	65	9.0	7	4.6	<0.75	<0.75			
			2018/8/12	Cloudy	25.2	0.5	21.9	0.0	Light grayish reddish yellow	None	73	7.1	8	3.7	<0.76	<0.80			
			2018/9/10	Rain	19.8	0.4	18.7	0.0	Light grayish reddish yellow	None	>100	7.3	3	1.5	<0.79	<0.54			
			2018/10/5	Cloudy	22.7	0.3	18.3	0.0	Light grayish reddish yellow	None	>100	7.6	2	1.6	<0.84	<0.66			
			2018/11/7	Sunny	19.2	0.3	15.0	0.0	Light grayish reddish yellow	None	>100	16.8	<1	1.2	<0.66	<0.96			
			2018/12/2	Sunny	11.9	0.3	9.2	0.0	Light grayish yellow	None	>100	10.1	<1	0.8	<0.86	<0.63			
21	Ukedo Bridge	Namic Town	2019/1/16	Cloudy	5.9	0.6	5.2	0.0	Light grayish greenish yellow	None	>100	10.6	<1	0.8	<0.55	<0.75			
			2019/2/11	Cloudy	5.6	0.4	6.3	0.0	Light grayish reddish yellow	None	>100	46.8	<1	0.9	<0.82	<0.80			

# Fukushima River (Water/Hamadori Area) 4/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks		
	Location	Water temperature (°C)						Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
															Cs-134	Cs-137			
R i v e r s	22	Furumichi River Before the confluence with Takase River (Miyakoji-machi furumichishitadaira)	Tamura City	2018/5/1	Sunny	26.4	0.4	19.8	0.0	Light grayish yellow	None	>100	8.1	3	1.3	<0.69	<0.75		
				2018/6/2	Sunny	26.1	0.6	18.8	0.0	Grayish yellow green	None	>100	9.4	3	1.6	<0.78	<0.92		
				2018/8/7	Rain	19.5	0.6	17.6	0.0	Light grayish reddish yellow	None	63	9.2	10	3.7	<0.56	<0.61		
				2018/10/5	Cloudy	21.8	0.6	16.5	0.0	Light grayish greenish yellow	None	>100	9.6	2	0.9	<0.63	<0.66		
				2018/11/8	Cloudy	13.4	0.4	12.4	0.0	Light grayish yellow	None	>100	9.4	1	0.7	<0.93	<0.66		
				2018/12/15	Cloudy	0.0	0.4	2.9	0.0	Light grayish yellow green	None	>100	9.1	1	0.5	<0.76	<0.48		
	23	Takase River	Keio Bridge	Namic Town	2018/5/6	Sunny	17.0	0.3	13.2	0.0	Light grayish reddish yellow	None	>100	7.3	2	1.2	<0.69	<0.54	
					2018/6/3	Sunny	21.0	0.3	23.5	0.0	Light grayish yellow	None	>100	7.8	3	1.6	<0.58	<0.80	
					2018/8/12	Sunny	27.1	0.4	21.4	0.0	Light grayish yellow	None	>100	6.7	5	2.2	<0.70	<0.84	
					2018/10/2	Sunny	24.8	0.4	18.9	0.0	Light grayish reddish yellow	None	60	6.6	9	4.4	<0.84	<0.70	
					2018/11/8	Cloudy	14.0	0.3	13.4	0.0	Light grayish reddish yellow	None	>100	8.1	2	0.9	<0.48	<0.88	
					2018/12/2	Sunny	11.1	0.3	10.4	0.0	Light grayish yellow	None	>100	8.3	1	0.5	<0.58	<0.88	
	24	Maeda River	National Route 6, west	Futaba Town	2018/5/28	Cloudy	24.0	0.3	17.6	0.0	Light grayish yellow	None	>100	8.7	7	3.4	<0.57	<0.99	
					2018/6/17	Cloudy	19.8	0.3	16.1	0.0	Light grayish reddish yellow	None	>100	14.0	5	3.3	<0.64	<0.63	
					2018/8/24	Cloudy	29.8	0.3	23.4	0.0	Light grayish yellow	None	98	12.3	5	3.0	<0.65	<0.88	
					2018/10/17	Cloudy	15.9	0.3	16.3	0.0	Light grayish reddish yellow	None	>100	11.5	2	1.5	<0.77	<0.81	
					2018/11/16	Sunny	14.6	0.3	13.0	0.0	Light grayish reddish yellow	None	>100	12.0	2	1.4	<0.66	<0.75	
					2018/12/16	Sunny	6.8	0.2	5.4	0.0	Light grayish reddish yellow	None	>100	12.4	2	1.2	<0.77	<0.55	
	25	Maeda River	Nakahama Bridge	Namic Town	2018/5/5	Sunny	19.1	0.5	16.3	0.0	Grayish yellow	None	68	53.0	11	6.0	<0.81	<0.92	
					2018/6/3	Cloudy	20.8	0.6	23.1	0.0	Grayish yellow	None	60	14.3	5	6.1	<0.48	<0.80	
					2018/8/12	Sunny	29.8	0.5	23.8	0.0	Grayish yellow	None	53	49.4	18	10	<0.57	<0.69	
					2018/10/5	Cloudy	22.5	0.5	19.0	0.0	Grayish yellow	None	50	30.5	12	7.4	<0.69	<0.75	
					2018/11/7	Sunny	16.1	0.5	15.6	0.0	Grayish yellow	None	48	202	5	11	<0.65	<0.63	
					2018/12/2	Sunny	12.0	0.5	10.6	0.0	Grayish greenish yellow	None	>100	110	2	2.9	<0.65	<0.84	
26	Kumagawa River	National Route 6, west	Okuma Town	2018/5/10	Cloudy	13.5	0.5	11.1	0.0	Light grayish yellow	None	>100	7.8	3	1.1	<0.77	<0.88		
				2018/6/5	Cloudy	25.7	0.5	17.1	0.0	Light grayish yellow green	None	>100	8.6	1	0.6	<0.75	<0.69		
				2018/8/15	Sunny	30.5	0.5	20.2	0.0	Light grayish yellow	None	>100	8.3	2	0.8	<0.87	<0.75		
				2018/10/11	Cloudy	20.3	0.6	16.7	0.0	Light grayish yellow	None	>100	8.6	<1	0.4	<0.68	<0.82		
				2018/11/14	Sunny	17.3	0.3	12.3	0.0	Light grayish yellow	None	>100	8.2	1	0.9	<0.63	<0.69		
				2018/12/11	Cloudy	6.7	0.3	7.0	0.0	Light grayish yellow	None	>100	8.2	<1	0.6	<0.69	<0.84		
	27	Kumagawa River	Mikuma Bridge	Okuma Town	2018/5/25	Sunny	26.3	0.4	20.4	0.0	Light grayish yellow	None	>100	9.9	1	0.8	<0.68	<0.69	
					2018/6/17	Cloudy	20.0	0.3	16.2	0.0	Light grayish yellow green	None	>100	10.0	2	1.4	<0.51	<0.55	
					2018/8/26	Sunny	35.0	0.3	25.8	0.0	Light grayish yellow	None	>100	9.7	<1	0.6	<0.90	<0.69	
					2018/10/17	Cloudy	16.8	0.4	16.4	0.0	Light grayish yellow	None	>100	9.8	<1	0.5	<0.82	<0.80	
					2018/11/16	Sunny	15.9	0.4	13.8	0.0	Light grayish yellow	None	>100	9.9	2	0.9	<0.75	<0.80	
					2018/12/16	Sunny	9.8	0.3	7.2	0.0	Light grayish yellow	None	>100	9.4	4	1.3	<0.80	<0.92	
28	Tomioka River	Nabekura Bridge	Kawauchi Village	2018/5/20	Sunny	17.1	0.2	10.8	0.0	Light grayish yellow	None	>100	4.3	<1	0.4	<0.57	<0.84		
				2018/6/19	Cloudy	19.1	0.2	13.0	0.0	Light grayish yellow	None	>100	4.5	<1	0.5	<0.69	<0.63		
				2018/8/23	Sunny	28.7	0.2	18.1	0.0	Light grayish yellow	None	>100	4.4	2	1.2	<0.78	<0.88		
				2018/10/20	Cloudy	13.9	0.2	12.0	0.0	Light grayish yellow	None	>100	4.6	1	0.6	<0.50	<0.78		
				2018/11/20	Sunny	8.3	0.2	8.7	0.0	Light grayish yellow	None	>100	4.6	<1	0.3	<0.69	<0.55		
				2018/12/19	Sunny	8.5	0.2	5.8	0.0	Light grayish yellow	None	>100	4.7	<1	0.3	<0.69	<0.69		

# Fukushima River (Water/Hamadori Area) 5/8

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks			
	Location	Municipality					Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
															Cs-134		Cs-137		
R i v e r s	29	Sakaigawa Bridge	Kawauchi Village	2018/5/4	Rain	10.3	0.2	11.0	0.0	Light grayish yellow	None	70	6.6	11	2.8	<0.73	<0.66		
				2018/6/5	Sunny	23.0	0.2	13.0	0.0	Light grayish yellow green	None	>100	7.1	2	0.9	<0.71	<0.75		
				2018/8/7	Rain	20.1	0.2	15.6	0.0	Light grayish yellow	None	>100	7.2	7	2.1	<0.80	<0.84		
				2018/10/7	Sunny	25.1	0.2	17.2	0.0	Light grayish reddish yellow	None	>100	7.0	3	0.8	<0.72	<0.66		
				2018/11/4	Sunny	9.5	0.3	11.2	0.0	Light grayish yellow	None	>100	6.8	1	0.3	<0.54	<0.84		
				2018/12/19	Sunny	10.2	0.2	8.2	0.0	Light grayish yellow	None	>100	7.0	<1	0.4	<0.70	<0.88		
	30	Tomioka River	National Route 6, west	Tomioka Town	2018/5/6	Sunny	21.8	0.4	13.6	0.0	Light grayish yellow	None	>100	9.4	2	1.9	<0.84	<0.92	
					2018/6/10	Rain	17.3	0.4	17.1	0.0	Light grayish yellow	None	>100	9.7	2	2.6	<0.59	<0.96	
					2018/8/11	Sunny	31.0	0.5	21.6	0.0	Light grayish yellow	None	>100	10.3	5	2.6	<0.88	<0.75	
					2018/10/12	Rain	17.7	0.3	18.0	0.0	Light grayish yellow	None	>100	10.2	<1	0.7	<0.79	<0.55	
					2018/11/4	Sunny	18.0	0.3	14.7	0.0	Light grayish yellow	None	>100	9.8	<1	0.4	<0.84	<0.83	
					2018/12/1	Sunny	13.1	0.3	11.8	0.0	Light grayish yellow	None	>100	9.2	<1	0.6	<0.78	<0.80	
	31	Kobama Bridge	Kobama Bridge	Tomioka Town	2018/5/4	Sunny	17.8	0.5	15.6	0.0	Dark grayish greenish yellow	None	69	11.9	7	4.0	<0.90	<0.46	
					2018/6/10	Cloudy	17.6	0.3	17.3	0.0	Light grayish yellow	None	>100	10.4	3	1.3	<0.91	<0.75	
					2018/8/11	Cloudy	26.0	0.5	21.6	0.0	Light grayish greenish yellow	None	90	11.2	5	2.8	<0.58	<0.69	
					2018/10/7	Sunny	27.5	0.2	21.6	0.0	Light grayish reddish yellow	None	>100	10.1	3	1.3	<0.63	<0.60	
					2018/11/4	Sunny	19.8	0.2	16.2	0.0	Light grayish reddish yellow	None	>100	11.2	1	0.9	<0.66	<0.63	
					2018/12/1	Sunny	12.3	0.2	12.6	0.0	Light grayish reddish yellow	None	>100	10.3	3	1.2	<0.78	<0.80	
	32	Idegawa River	Motogama Bridge	Naraha Town	2018/5/20	Sunny	17.4	0.4	17.3	0.0	Light grayish yellow green	None	>100	9.2	2	1.5	<0.93	<0.88	
					2018/6/18	Cloudy	19.4	0.4	16.3	0.0	Light grayish yellow green	None	>100	9.5	1	0.6	<0.78	<0.75	
					2018/8/18	Sunny	24.0	0.3	19.9	0.0	Light grayish yellow green	None	>100	9.0	<1	0.4	<0.75	<0.88	
					2018/10/9	Cloudy	23.3	0.4	18.2	0.0	Light grayish yellow green	None	>100	8.9	<1	0.2	<0.68	<0.80	
					2018/11/11	Sunny	19.2	0.4	14.5	0.0	Light grayish yellow green	None	>100	9.3	<1	0.3	<0.68	<0.63	
					2018/12/10	Sunny	9.0	0.3	8.6	0.0	Light grayish yellow	None	>100	9.1	<1	0.3	<0.75	<0.63	
	33	Kawauchi River	Before the confluence with Kidogawa River (Putamatabashi Bridge)	Kawauchi Village	2018/5/20	Sunny	16.8	0.3	11.1	0.0	Light grayish yellow	None	>100	4.5	6	1.1	<0.76	<0.84	
					2018/6/19	Cloudy	19.1	0.2	13.9	0.0	Light grayish yellow	None	>100	4.8	<1	0.6	<0.88	<0.63	
					2018/8/23	Sunny	31.1	0.2	18.0	0.0	Light grayish yellow	None	>100	4.8	2	1.1	<0.72	<0.69	
					2018/10/20	Cloudy	14.5	0.3	12.5	0.0	Light grayish yellow	None	>100	4.7	<1	0.5	<0.70	<0.80	
					2018/11/20	Sunny	9.8	0.3	9.0	0.0	Light grayish yellow	None	>100	4.9	<1	0.3	<0.48	<0.63	
					2018/12/19	Sunny	6.3	0.3	6.4	0.0	Light grayish yellow	None	>100	4.8	1	0.5	<0.67	<0.84	
	34	Nishiyama Bridge	Nishiyama Bridge	Naraha Town	2018/5/20	Sunny	16.3	0.3	12.5	0.0	Light grayish yellow green	None	>100	5.6	2	1.3	<0.70	<0.84	
					2018/6/19	Cloudy	19.6	0.3	16.5	0.0	Light grayish yellow green	None	>100	5.9	1	0.8	<0.52	<0.88	
					2018/8/23	Sunny	33.2	0.3	23.1	0.0	Light grayish yellow green	None	>100	6.0	3	1.7	<0.68	<0.75	
					2018/10/20	Cloudy	14.1	0.5	12.8	0.0	Light grayish yellow green	None	>100	5.5	<1	0.7	<0.60	<0.54	
					2018/11/20	Sunny	7.0	0.4	8.1	0.0	Light grayish yellow green	None	>100	5.6	1	0.9	<0.67	<0.84	
					2018/12/19	Sunny	4.5	0.4	4.3	0.0	Light grayish yellow green	None	>100	5.6	<1	0.5	<0.85	<0.80	
	35	Kidogawa River	Nagatoro Bridge	Naraha Town	2018/5/22	Sunny	21.3	1.3	17.3	0.0	Grayish yellow green	None	>100	8.7	2	1.9	<0.74	<0.55	
					2018/6/18	Cloudy	19.7	1.4	16.3	0.0	Light grayish yellow green	None	>100	7.7	2	0.9	<0.75	<0.84	
					2018/8/18	Sunny	23.6	1.4	19.9	0.0	Grayish yellow green	None	>100	5.7	2	1.6	<0.62	<0.80	
					2018/10/9	Cloudy	24.2	1.4	16.9	0.0	Grayish yellow green	None	>100	5.7	3	2.0	<0.72	<0.75	
					2018/11/11	Sunny	15.3	1.4	13.6	0.0	Grayish yellow green	None	>100	6.2	<1	0.7	<0.81	<0.69	
					2018/12/14	Sunny	6.5	1.3	5.6	0.0	Light grayish yellow green	None	>100	6.4	<1	0.7	<0.68	<0.84	
36	Kidokawa Bridge	Kidokawa Bridge	Naraha Town	2018/5/23	Cloudy	18.8	0.5	16.7	0.0	Grayish yellow green	None	>100	6.0	4	2.1	<0.66	<0.66		
				2018/6/18	Cloudy	19.8	0.6	16.5	0.0	Light grayish yellow green	None	>100	6.4	2	0.9	<0.62	<0.80		
				2018/8/18	Sunny	22.0	0.6	20.2	0.0	Grayish yellow green	None	>100	5.8	2	1.6	<0.51	<0.88		
				2018/10/9	Cloudy	21.8	0.7	17.6	0.0	Grayish yellow green	None	>100	5.9	2	2.0	<0.78	<0.85		
				2018/11/11	Sunny	17.8	0.6	14.2	0.0	Grayish yellow green	None	>100	6.1	1	0.9	<0.74	<0.80		
				2018/12/14	Cloudy	6.5	0.5	6.0	0.0	Light grayish yellow green	None	>100	6.2	1	0.8	<0.86	<0.96		

# Fukushima River (Water/Hamadori Area)6/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks	
	Location	Municipality						Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																Cs-134		Cs-137
37	Asami River	Boda Bridge	Hirono Town	2018/5/25	Sunny	20.7	0.2	19.6	0.0	Light grayish yellow	None	>100	9.0	3	1.8	<0.68	<0.92	
				2018/6/13	Sunny	21.8	0.2	19.1	0.0	Light grayish yellow	None	>100	8.1	2	2.4	<0.67	<0.63	
				2018/8/5	Sunny	30.1	0.2	23.5	0.0	Light grayish yellow	None	>100	10.8	2	1.4	<0.60	<0.66	
				2018/10/18	Sunny	17.7	0.2	16.7	0.0	Light grayish yellow	None	>100	8.9	<1	0.6	<0.77	<0.66	
				2018/11/21	Sunny	13.3	0.2	9.7	0.0	Light grayish yellow	None	>100	9.6	<1	0.4	<0.79	<0.88	
				2018/12/9	Cloudy	2.1	0.2	6.6	0.0	Light grayish yellow	None	>100	9.7	1	1.2	<0.70	<0.75	
38	Ohisa River	Kageiso Bridge	Hirono Town	2018/5/5	Sunny	20.3	0.4	19.1	0.0	Grayish yellow green	None	86	31.4	5	3.2	<0.60	<0.61	
				2018/6/13	Sunny	19.4	0.4	19.4	0.0	Grayish yellow green	None	95	37.5	7	5.3	<0.59	<0.75	
				2018/8/5	Sunny	30.1	0.4	27.4	0.0	Grayish yellow green	None	62	32.0	5	4.2	<0.60	<0.69	
				2018/10/18	Sunny	16.8	0.4	19.2	0.0	Grayish yellow green	None	45	51.9	10	7.6	<0.61	<0.69	
				2018/11/11	Sunny	19.4	0.3	16.8	0.0	Grayish yellow green	None	41	42.0	12	6.5	<0.66	<0.75	
				2018/12/9	Cloudy	3.7	0.4	7.2	0.0	Light grayish yellow green	None	>100	192	4	2.7	<0.76	<0.80	
39	Kohisa River	Rengo Bridge	Iwaki City	2018/5/5	Sunny	20.8	0.2	16.3	0.0	Light grayish yellow green	None	95	37.3	6	3.6	<0.67	<0.84	
				2018/6/17	Cloudy	19.4	0.2	18.0	0.0	Light grayish yellow green	None	>100	41.8	5	4.2	<0.86	<0.69	
				2018/8/5	Cloudy	29.7	0.2	26.3	0.0	Light grayish yellow green	None	>100	52.9	4	4.5	<0.62	<0.80	
				2018/10/18	Sunny	19.7	0.3	15.9	0.0	Light grayish yellow green	None	>100	51.4	3	2.2	<0.84	<0.55	
				2018/11/19	Cloudy	16.5	0.3	13.1	0.0	Light grayish yellow green	None	>100	53.5	6	4.5	<0.72	<0.75	
				2018/12/9	Sunny	6.8	0.2	8.2	0.0	Light grayish yellow green	None	>100	63.7	2	1.5	<0.78	<0.80	
40	Niida River	Kasumida Bridge	Iwaki City	2018/5/5	Sunny	20.1	0.3	15.5	0.0	Grayish yellow green	None	44	20.2	14	11	<0.49	<0.81	
				2018/6/17	Cloudy	19.3	0.3	18.2	0.0	Light grayish yellow green	None	80	19.8	8	4.7	<0.75	<0.74	
				2018/8/5	Cloudy	32.9	0.3	24.7	0.0	Light grayish yellow green	None	85	23.0	7	4.9	<0.83	<0.61	
				2018/10/18	Sunny	15.5	0.3	15.6	0.0	Light grayish yellow green	None	>100	21.0	2	1.5	<0.51	<0.69	
				2018/11/19	Cloudy	15.4	0.3	14.3	0.0	Light grayish yellow green	None	>100	23.2	3	2.1	<0.74	<0.69	
				2018/12/9	Sunny	6.5	0.3	10.3	0.0	Light grayish yellow green	None	>100	23.1	1	0.9	<0.70	<0.87	
41	Niida River	Matsuba Bridge	Iwaki City	2018/5/21	Sunny	20.2	0.3	18.8	0.0	Grayish yellow green	None	27	103	21	19	<0.82	<0.80	
				2018/6/14	Sunny	20.4	0.3	21.7	0.0	Grayish yellow green	None	35	84.6	15	8.7	<0.64	<0.92	
				2018/8/18	Sunny	24.2	0.3	23.8	0.0	Grayish yellow green	None	40	53.5	19	15	<0.74	<0.75	
				2018/10/11	Cloudy	19.9	0.3	19.4	0.0	Light grayish yellow green	None	95	306	7	4.3	<0.74	<0.80	
				2018/11/19	Cloudy	13.4	0.4	12.3	0.0	Grayish yellow green	None	82	52.6	9	4.8	<0.78	<0.63	
				2018/12/20	Sunny	7.5	0.3	6.9	0.0	Light grayish yellow green	None	>100	477	2	2.1	<0.72	<0.85	
42	Kitanouchi Bridge	Ono Town	Ono Town	2018/5/1	Sunny	22.8	0.3	17.3	0.0	Light grayish yellow green	None	>100	14.0	4	2.2	<0.84	<0.54	
				2018/6/6	Cloudy	20.9	0.3	18.3	0.0	Light grayish yellow green	None	>100	15.1	3	2.6	<0.75	<0.69	
				2018/8/16	Cloudy	27.4	0.3	22.6	0.0	Light grayish yellow green	None	>100	15.4	5	2.2	<0.73	<0.69	
				2018/10/15	Cloudy	16.4	0.3	14.4	0.0	Light grayish yellow green	None	>100	14.0	2	1.4	<0.63	<0.80	
				2018/11/8	Cloudy	13.5	0.3	12.8	0.0	Light grayish yellow green	None	>100	14.5	2	1.3	<0.74	<0.61	
				2018/12/18	Sunny	4.9	0.4	4.4	0.0	Light grayish yellow green	None	>100	15.0	4	1.7	<0.56	<0.69	
43	Natsui River	Kyudayu Bridge	Iwaki City	2018/5/4	Cloudy	18.8	0.6	16.2	0.0	Grayish yellow green	None	55	11.6	10	5.5	<0.69	<0.80	
				2018/6/8	Sunny	25.2	0.6	23.1	0.0	Light grayish yellow green	None	>100	13.1	3	2.1	<0.64	<0.80	
				2018/8/22	Sunny	33.4	0.6	25.6	0.0	Light grayish yellow green	None	>100	12.3	3	1.4	<0.63	<0.75	
				2018/10/17	Cloudy	20.1	0.6	16.5	0.0	Light grayish yellow green	None	>100	11.2	1	1.1	<0.54	<0.55	
				2018/11/14	Sunny	16.0	0.6	13.2	0.0	Light grayish yellow green	None	>100	11.7	1	0.8	<0.63	<0.69	
				2018/12/14	Sunny	7.0	0.6	6.8	0.0	Light grayish yellow green	None	>100	13.0	2	1.6	<0.89	<0.80	
44	Rokujumai Bridge	Iwaki City	Iwaki City	2018/5/5	Sunny	17.3	0.8	13.5	0.0	Grayish yellow green	None	47	17.7	12	7.1	<0.60	<0.61	
				2018/6/18	Cloudy	19.8	0.6	20.9	0.0	Light grayish yellow green	None	>100	21.8	8	3.3	<0.67	<0.48	
				2018/8/1	Sunny	32.6	0.4	31.5	0.0	Light grayish greenish yellow	None	65	22.9	13	5.7	<0.84	<0.75	
				2018/10/17	Sunny	17.6	0.7	15.5	0.0	Light grayish yellow green	None	>100	18.5	3	1.6	<0.68	<0.61	
				2018/11/13	Cloudy	15.5	0.7	13.3	0.0	Grayish yellow green	None	>100	18.3	3	1.8	<0.79	<0.69	
				2018/12/11	Cloudy	7.8	0.6	5.9	0.0	Light grayish yellow green	None	>100	17.4	1	1.1	<0.53	<0.84	

# Fukushima River (Water/Hamadori Area) 7/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks	
	Location	Location						Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
																Cs-134		Cs-137
R i v e r s	45	Yoshima River	Iwaanatsuri Bridge	2018/5/2	Cloudy	22.0	0.5	16.6	0.0	Light grayish yellow green	None	>100	11.0	2	1.4	<0.69	<0.60	
				2018/6/8	Sunny	26.1	0.5	22.2	0.0	Light grayish yellow green	None	80	11.2	7	4.3	<0.64	<0.69	
				2018/8/16	Cloudy	28.0	0.5	22.1	0.0	Light grayish yellow green	None	>100	11.1	3	1.4	<0.66	<0.63	
				2018/10/15	Cloudy	19.4	0.6	15.0	0.0	Light grayish yellow green	None	>100	10.3	<1	0.7	<0.84	<0.48	
				2018/11/14	Sunny	16.0	0.5	12.0	0.0	Light grayish yellow green	None	>100	10.6	<1	0.6	<0.79	<0.87	
				2018/12/16	Cloudy	9.0	0.5	4.8	0.0	Light grayish yellow green	None	>100	10.6	<1	0.6	<0.68	<0.61	
	46	Yoshima River	Before the confluence with Natsui River	2018/5/2	Cloudy	22.5	0.4	19.3	0.0	Light grayish yellow green	None	>100	24.2	5	2.2	<0.71	<0.69	
				2018/6/8	Sunny	26.6	0.4	25.8	0.0	Light grayish yellow green	None	>100	25.6	5	2.7	<0.67	<0.80	
				2018/8/14	Cloudy	28.6	0.5	25.1	0.0	Grayish yellow green	None	95	17.0	6	2.3	<0.66	<0.70	
				2018/10/17	Cloudy	20.4	0.4	16.3	0.0	Light grayish yellow green	None	>100	19.2	5	2.0	<0.70	<0.70	
				2018/11/13	Sunny	16.2	0.4	14.7	0.0	Light grayish yellow green	None	>100	20.3	2	1.4	<0.77	<0.89	
				2018/12/13	Sunny	9.5	0.4	8.3	0.0	Light grayish yellow green	None	>100	24.4	3	1.9	<0.62	<0.84	
	47	Fujiwara River	Shima Bridge	2018/5/4	Cloudy	14.1	0.3	15.7	0.0	Grayish yellow green	None	30	43.6	61	23	<0.73	<0.66	
				2018/6/17	Cloudy	19.4	0.3	20.1	0.0	Light grayish yellow green	None	79	107	11	5.5	<0.62	<0.48	
				2018/8/15	Sunny	31.2	0.3	27.6	0.0	Light grayish yellow green	None	70	58.7	14	6.1	<0.75	<0.75	
				2018/10/14	Cloudy	19.2	0.5	19.1	0.0	Grayish yellow green	None	72	129	9	4.3	<0.63	<0.69	
				2018/11/16	Sunny	10.2	0.6	13.3	0.0	Grayish yellow green	None	77	121	8	4.4	<0.77	<0.75	
				2018/12/16	Cloudy	10.5	0.6	7.7	0.0	Dark grayish yellow green	None	>100	125	2	2.2	<0.69	<0.63	
	48	Fujiwara River	Minato-ohashi Bridge	2018/5/4	Cloudy	12.4	1.1	16.2	0.0	Grayish yellow green	None	45	1,760	11	4.3	<0.71	<0.66	
				2018/6/17	Cloudy	19.1	1.1	19.6	0.0	Dark grayish yellow green	None	55	2,100	12	5.3	<0.66	<0.75	
				2018/8/15	Sunny	31.0	1.2	29.0	0.0	Dark grayish yellow green	None	57	1,150	6	4.2	<0.65	<0.84	
				2018/10/14	Cloudy	19.7	1.7	20.1	0.0	Dark grayish yellow green	None	85	2,910	4	0.9	<0.70	<0.66	
				2018/11/16	Sunny	15.5	1.6	19.0	0.0	Grayish yellow green	None	>100	3,720	4	1.3	<0.75	<0.69	
				2018/12/16	Sunny	7.3	1.8	13.9	0.0	Grayish yellowish green	None	>100	3,700	3	1.3	<0.77	<0.80	
49	Samegawa River	Idosawa Bridge	2018/5/19	Sunny	22.3	1.4	16.6	0.0	Grayish yellow green	None	>100	11.6	3	2.7	<0.76	<0.69		
			2018/6/7	Sunny	26.2	1.4	21.7	0.0	Grayish yellow green	None	>100	11.6	3	2.4	<0.83	<0.69		
			2018/8/19	Sunny	26.6	1.3	22.2	0.0	Grayish yellow green	None	95	11.5	5	3.8	<0.82	<0.88		
			2018/10/19	Cloudy	17.0	1.3	15.3	0.0	Dark grayish yellow green	None	>100	11.6	1	1.3	<0.81	<0.55		
			2018/11/18	Sunny	16.4	1.3	12.4	0.0	Dark grayish yellow green	None	>100	11.9	2	2.1	<0.75	<0.80		
			2018/12/8	Cloudy	8.5	1.3	9.7	0.0	Dark grayish yellow green	None	>100	12.3	2	1.9	<0.54	<0.63		
50	Samegawa River	Samegawa Bridge	2018/5/6	Sunny	25.2	0.3	17.5	0.0	Grayish yellow green	None	>100	227	4	3.0	<0.67	<0.75		
			2018/6/9	Cloudy	26.8	0.4	25.5	0.0	Grayish yellow green	None	84	330	2	1.9	<0.64	<0.69		
			2018/8/2	Sunny	31.6	0.4	28.0	0.0	Grayish yellow green	None	69	744	7	3.2	<0.66	<0.69		
			2018/10/12	Cloudy	18.8	0.4	18.1	0.0	Grayish yellow green	None	>100	136	3	2.1	<0.66	<0.48		
			2018/11/12	Cloudy	15.1	0.4	14.9	0.0	Grayish yellow green	None	>100	387	2	1.7	<0.66	<0.61		
			2018/12/8	Cloudy	8.9	0.5	11.6	0.0	Grayish yellow green	None	>100	702	2	1.7	<0.72	<0.84		
51	Shitoki River	Komuro Bridge	2018/5/19	Sunny	17.4	0.5	14.7	0.0	Light grayish yellow green	None	>100	7.0	3	0.8	<0.79	<0.84		
			2018/6/7	Sunny	25.8	0.5	17.7	0.0	Light grayish yellow green	None	>100	7.6	3	1.5	<0.71	<0.63		
			2018/8/19	Sunny	23.6	0.5	15.7	0.0	Light grayish yellow green	None	>100	6.8	1	0.7	<0.81	<0.92		
			2018/10/19	Cloudy	13.8	0.5	12.1	0.0	Light grayish yellow green	None	>100	7.0	<1	0.6	<0.86	<0.70		
			2018/11/18	Sunny	14.5	0.5	11.0	0.0	Light grayish yellow green	None	>100	7.7	<1	0.4	<0.87	<0.75		
			2018/12/8	Cloudy	5.6	0.4	8.7	0.0	Light grayish yellow green	None	>100	7.8	1	1.0	<0.65	<0.85		
52	Binda River	Kobana Bridge	2018/5/19	Sunny	22.6	0.4	20.5	0.0	Grayish yellow green	None	40	23.9	13	8.7	<0.80	<0.84		
			2018/6/9	Cloudy	26.3	0.3	23.8	0.0	Light grayish yellow green	None	87	28.3	8	5.5	<0.73	<0.88		
			2018/8/19	Sunny	23.3	0.4	18.8	0.0	Light grayish yellow green	None	>100	23.9	6	3.1	<0.51	<0.80		
			2018/10/14	Cloudy	20.0	0.3	15.7	0.0	Light grayish yellow green	None	>100	21.3	3	2.0	<0.70	<0.55		
			2018/11/18	Sunny	12.6	0.3	12.2	0.0	Light grayish yellow green	None	>100	23.5	3	1.8	<0.61	<0.88		
			2018/12/8	Cloudy	8.9	0.4	10.5	0.0	Grayish yellow green	None	56	32.9	8	4.5	<0.66	<0.66		





# Fukushima River (Sediment/Hamadori Area) 1/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																			Remarks
	No.	Location	Municipality					General items											Activity concentration [Bq/kg(dry)]								
								Sediment temperature (°C)	Sample length (cm)	Color		Odor		Coarse gravel		Grain size distribution (%)			Silt	Clay	Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium			
										Coarse sand	Medium sand	Fine gravel	Coarse sand	Medium sand	Fine sand	Cs-134	Cs-137	Total									
R i v e r	1	Izogawa River	Hamahata Bridge	Shinchi Town	2018/5/3	Cloudy	18.3	0.5	18.5	4	Grayish yellowish brown	Faint grass	0.0	0.2	0.3	0.5	33.5	60.5	1.7	3.3	73.4	2.666	Sand	-5.1	5.2	5.2	
					2018/6/13	Sunny	23.1	0.5	19.9	5	Grayish yellowish brown	None	0.0	0.0	0.1	0.3	25.8	68.9	2.6	2.4	73.3	2.661	Sand	-4.1	9.4	9.4	
					2018/8/6	Rain	22.1	0.5	25.1	5	Brownish gray	None	0.0	0.0	0.0	0.1	20.1	74.8	2.6	2.9	71.3	2.647	Sand	-5.2	5.0	5.0	
					2018/10/8	Cloudy	23.0	0.6	21.6	5	Grayish yellowish brown	None	0.0	0.0	0.2	0.2	22.1	74.6	0.0	3.0	72.0	2.655	Sand	-6.2	7.5	7.5	
					2018/11/10	Cloudy	17.9	0.5	17.0	5	Grayish yellowish brown	None	0.0	0.0	0.0	0.2	21.1	73.9	1.0	3.9	70.9	2.690	Sand	-5.9	6.1	6.1	
					2018/12/5	Sunny	15.0	0.5	14.3	3	Grayish yellowish brown	None	0.0	0.0	0.0	0.4	33.2	63.3	0.1	3.0	81.1	2.695	Sand	-3.0	3.4	3.4	
	2	Kozurumi River	Kozurumi Bridge	Kozurumi River	2018/5/14	Sunny	24.6	0.4	21.2	5	Brownish gray	Faint swamp	0.0	8.6	11.5	16.2	39.8	18.6	3.4	1.9	75.7	2.720	Sand/gravel	10	140	150	
					2018/6/13	Sunny	24.7	0.3	19.1	5	Brownish gray	None	0.0	9.0	8.9	20.8	44.0	11.7	4.1	1.6	73.4	2.697	Sand/gravel	9.8	120	129.8	
					2018/8/6	Cloudy	22.8	0.5	23.1	5	Brownish gray	None	0.0	9.1	11.0	17.0	44.9	11.0	3.4	2.8	74.4	2.712	Sand/gravel/silt	13	120	133	
					2018/10/4	Sunny	23.6	0.3	18.6	3	Brownish gray	None	0.0	21.6	21.1	14.2	36.4	2.9	2.1	1.7	74.6	2.687	Sand/gravel	10	110	120	
					2018/11/10	Cloudy	16.8	0.4	16.9	3	Blackish brown	Faint swamp	0.0	30.2	26.4	13.6	23.0	4.3	0.6	1.7	77.8	2.745	Gravel/sand	11	120	131	
					2018/12/14	Sunny	8.6	0.3	7.1	3	Blackish brown	None	0.0	17.0	21.8	18.4	33.6	5.6	1.8	1.8	76.7	2.742	Gravel/sand/silt	8.5	100	108.5	
		3	Hyakken Bridge	Soma City	Hyakken Bridge	2018/5/3	Rain	20.7	0.5	21.9	3	Blackish brown	Faint sewage	0.0	0.3	0.2	0.2	2.8	29.8	44.7	22.0	51.1	2.641	Silt	75	840	915
						2018/6/1	Sunny	20.5	0.6	22.5	3	Black	Faint sewage	0.0	0.3	0.4	0.5	4.1	26.1	38.0	30.6	46.2	2.594	Silt	93	890	983
						2018/8/13	Cloudy	29.1	0.3	25.3	5	Blackish brown	Faint sewage	0.0	1.3	1.2	1.2	5.8	26.5	39.8	24.3	47.3	2.629	Silt	82	950	1,032
						2018/10/6	Cloudy	21.9	0.3	19.6	5	Blackish brown	Faint sewage	0.0	0.4	0.6	0.7	1.7	23.2	48.4	28.5	44.1	2.589	Silt	80	860	940
						2018/11/5	Cloudy	16.7	0.5	16.2	5	Black	Faint sewage	0.0	0.8	1.4	1.9	8.6	18.2	38.4	31.2	45.1	2.668	Silt	53	550	603
						2018/12/5	Cloudy	15.0	0.6	11.4	3	Black	Faint sewage	0.0	0.4	0.6	0.5	2.2	24.4	38.8	30.1	47.3	2.664	Silt	40	470	510
	4	Utsu River	Horinaka Bridge	Soma City	2018/5/3	Cloudy	22.5	0.4	15.9	3	Grayish yellowish brown	None	0.0	8.4	7.3	20.2	55.9	5.7	0.5	2.0	74.5	2.707	Sand/gravel	18	220	238	
					2018/6/6	Cloudy	20.5	0.3	19.6	3	Grayish yellowish brown	Faint swamp	0.0	5.0	38.8	46.3	8.3	0.6	0.1	1.1	84.1	2.549	Gravel/sand	9.2	76	85.2	
					2018/8/6	Cloudy	22.3	0.3	23.2	3	Grayish yellowish brown	None	0.0	7.1	22.5	47.8	19.9	1.0	0.3	1.4	78.5	2.688	Gravel/sand	7.9	98	105.8	
					2018/10/4	Sunny	23.6	0.5	16.5	3	Grayish yellowish brown	None	0.0	10.7	14.3	23.1	37.2	5.7	0.1	2.7	76.7	2.692	Gravel/sand	15	150	165	
					2018/11/5	Cloudy	17.5	0.3	13.1	3	Brownish gray	None	0.0	16.1	20.4	25.8	29.3	5.3	0.7	2.5	77.2	2.720	Gravel/sand	16	150	166	
					2018/12/14	Sunny	5.4	0.4	4.9	3	Grayish yellowish brown	None	0.0	6.0	20.4	37.6	29.7	4.1	0.1	2.2	74.1	2.711	Gravel/sand	15	140	155	
5	Utsu River	Hyakken Bridge	Soma City	2018/5/3	Cloudy	21.2	0.2	21.0	3	Grayish yellowish brown	Faint grass	0.0	19.0	36.2	30.9	11.3	0.5	0.9	1.3	80.0	2.704	Gravel/sand	-4.3	27	27		
				2018/6/1	Sunny	24.4	0.5	23.9	3	Grayish yellowish brown	None	0.0	8.8	28.8	43.5	15.2	1.8	0.4	1.5	82.3	2.683	Gravel/sand	-7.5	31	31		
				2018/8/13	Cloudy	28.7	0.3	22.6	3	Grayish yellowish brown	None	0.0	15.3	34.9	36.1	11.4	0.9	0.5	1.0	80.0	2.684	Gravel/sand	-5.2	27	27		
				2018/10/6	Cloudy	20.5	0.3	18.2	3	Grayish yellowish brown	Faint phytoplankton	0.0	6.5	24.5	45.0	19.4	2.4	0.1	2.1	79.1	2.658	Gravel/sand	-4.3	41	41		
				2018/11/5	Cloudy	16.8	0.3	15.5	3	Grayish yellowish brown	None	0.0	12.7	32.7	38.0	13.8	0.8	0.6	1.6	79.4	2.678	Gravel/sand	-5.1	30	30		
				2018/12/5	Cloudy	14.4	0.3	11.6	3	Grayish yellowish brown	Faint swamp	0.0	13.8	31.1	38.4	14.1	0.5	0.6	1.4	82.4	2.692	Gravel/sand	-7.8	14	14		
6	Ochiai Bridge	Mitsunomiya City	Ochiai Bridge	2018/5/2	Cloudy	19.2	0.5	15.4	3	Brownish gray	None	0.0	28.6	21.0	21.2	24.3	4.8	1.1	1.0	80.3	2.707	Gravel/sand	16	160	176		
				2018/6/18	Cloudy	25.2	0.5	17.3	3	Dull yellowish brown	None	0.0	9.2	12.4	26.0	38.0	10.4	1.3	2.6	75.0	2.655	Sand/gravel	15	180	195		
				2018/8/13	Sunny	29.6	0.6	21.9	3	Brownish gray	None	0.0	31.1	34.0	21.6	10.9	1.3	0.6	1.0	80.1	2.671	Gravel/sand	15	150	165		
				2018/10/10	Cloudy	21.1	0.5	17.2	3	Grayish yellowish brown	Faint phytoplankton	0.0	23.7	35.1	22.6	15.6	2.3	0.0	0.8	81.9	2.646	Gravel/sand	15	140	155		
				2018/11/12	Sunny	18.5	0.4	16.0	3	Grayish yellowish brown	Faint swamp	0.0	25.4	37.7	23.9	11.4	0.9	0.0	0.7	80.1	2.655	Gravel/sand	-4.8	66	66		
				2018/12/14	Sunny	6.9	0.5	8.5	3	Brownish gray	Faint phytoplankton	0.0	28.0	28.5	21.8	15.7	3.9	0.4	1.7	80.7	2.733	Gravel/sand	9.0	120	129.0		
7	Majima Bridge	Mitsunomiya City	Majima Bridge	2018/5/2	Cloudy	17.5	0.5	17.9	3	Grayish yellowish brown	Faint seaweed	0.0	2.2	3.8	4.8	52.0	31.9	0.9	4.5	81.4	2.838	Sand/silt	7.2	58	65.2		
				2018/6/1	Sunny	22.0	0.6	18.1	5	Brownish gray	None	0.0	0.4	1.1	4.0	45.1	34.2	6.3	8.9	76.8	2.750	Sand/silt	8.9	93	101.9		
				2018/8/13	Cloudy	27.7	0.3	22.5	5	Grayish yellowish brown	None	0.0	0.7	0.9	3.5	36.2	62.4	2.1	4.2	74.7	2.852	Sand/silt	9.2	110	119.2		
				2018/10/6	Cloudy	19.9	0.4	19.2	5	Blackish brown	None	0.0	11.7	5.4	6.2	26.2	30.6	10.6	9.4	60.6	2.680	Silt/sand	28	310	338		
				2018/11/6	Cloudy	16.1	0.4	17.1	5	Brownish gray	None	0.0	3.2	2.0	1.7	21.6	59.6	5.6	6.3	74.7	2.784	Silt/sand	11	130	141		
				2018/12/3	Cloudy	11.2	0.6	13.1	5	Grayish yellowish brown	Faint phytoplankton	0.0	5.7	2.7	1.7	22.1	54.9	7.1	5.8	73.8	2.815	Silt/sand	10	130	140		
8	Natsui River	Iitate Village	Iitate Village	2018/5/8	Rain	8.5	0.4	10.9	3	Dull yellowish brown	Faint swamp	0.0	0.8	18.9	50.5	26.8	1.5	0.0	1.4	78.9	2.626	Gravel/sand	12	170	182		
				2018/6/7	Sunny	26.9	0.4	16.9	5	Grayish yellowish brown	Faint swamp	0.0	1.0	25.2	50.7	20.3	0.6	0.7	1.2	75.1	2.627	Gravel/sand	9.0	150	159.0		
				2018/8/23	Sunny	32.9	0.6	24.8	3	Dull yellowish brown	None	0.0	3.6	40.4	42.3	9.3	0.8	0.1	1.6	90.2	2.616	Gravel/sand	10	110	120		
				2018/10/9	Cloudy	19.2	0.5	15.9	3	Dull yellowish brown	Faint swamp	0.0	5.5	39.9	40.8	12.0	0.4	0.5	1.1	81.1	2.630	Gravel/sand	11	120	131		
				2018/11/18	Sunny	11.2	0.5	9.8	3	Dull yellowish brown	Faint swamp	0.0	3.4	31.0	44.8	15.9	2.3	1.3	1.3	78.4	2.641	Gravel/sand	19	190	209		
				2018/12/13	Sunny	4.8	0.5	5.9	3	Blackish brown	Faint algae	0.0	3.6	34.5	43.9	14.1	1.5	0.7	1.8	78.6	2.640	Sand/gravel	16	200	216		

# Fukushima River (Sediment/Hamadori Area) 2/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment														Activity concentration [Bq/kg(dry)]			Remarks
No.	Location	Municipality	Sediment temperature (°C)					Sample length (cm)	Color	Odor	General items										Density (g/cm <sup>3</sup> )	Property	Radioactive cesium		
											Coarse gravel	Medium gravel	Fine gravel	Grain size distribution (%)			Fine sand	Silt	Clay	Sediment content (%)			Co-134	Cs-137	
R i v e r	9	Komiya	Iitate Village	2018/5/8	Rain	10.2	0.3	10.9	3	Dull yellowish brown	None	0.0	5.0	9.4	30.7	46.0	5.4	2.0	73.4	2.688	Sand/gravel	76	790	866	
				2018/6/7	Sunny	24.2	0.2	17.8	3	Dark brown	Faint swamp	0.0	5.0	28.5	36.2	23.9	3.8	1.3	1.3	77.1	2.655	Gravel/sand	53	520	573
				2018/8/23	Sunny	32.2	0.3	21.5	3	Brown	Faint swamp	0.0	7.5	39.1	31.6	20.0	0.9	0.1	1.1	90.8	2.631	Gravel/sand	19	250	269
				2018/10/9	Sunny	16.8	0.3	14.6	3	Grayish yellowish brown	Faint swamp	0.0	8.8	24.0	34.3	27.3	3.4	0.7	1.3	77.1	2.648	Gravel/sand	56	580	636
				2018/11/16	Sunny	10.3	0.3	8.0	5	Grayish yellowish brown	None	0.0	8.1	45.8	32.4	11.2	1.2	0.5	0.9	80.2	2.642	Gravel/sand	20	240	260
				2018/12/13	Sunny	0.4	0.4	3.3	3	Blackish brown	None	0.0	0.3	14.5	40.8	40.0	1.9	0.0	2.5	74.4	2.640	Sand/gravel	55	660	715
	10	Niida River	Kitouchi Bridge	2018/5/2	Cloudy	21.3	0.3	15.3	3	Brownish gray	None	0.0	17.4	19.8	22.3	37.5	0.6	0.1	2.4	75.3	2.714	Gravel/sand	26	240	266
				2018/6/18	Cloudy	24.1	0.4	17.0	5	Grayish yellowish brown	None	0.0	6.5	17.0	38.9	45.3	0.6	0.1	1.7	76.0	2.637	Sand/gravel	21	210	231
				2018/8/16	Cloudy	24.4	0.5	21.7	3	Brownish gray	None	0.0	12.0	16.0	41.0	28.4	0.4	0.8	1.4	76.7	2.652	Gravel/sand	14	160	174
				2018/10/4	Cloudy	23.4	0.5	17.7	5	Grayish yellowish brown	None	0.0	8.5	15.2	43.9	31.9	0.2	0.0	2.3	77.0	2.628	Gravel/sand	11	140	151
				2018/11/6	Cloudy	16.1	0.4	16.0	4	Grayish yellowish brown	Faint swamp	0.0	0.7	4.3	76.3	14.2	0.4	0.1	3.7	79.1	2.663	Sand/gravel	11	110	121
				2018/12/5	Cloudy	13.3	0.4	11.0	5	Brownish gray	None	0.0	8.4	20.4	59.1	9.9	0.1	0.1	2.1	79.3	2.678	Gravel/sand	10	100	110
	11	Sakakawa Bridge	2018/5/2	Cloudy	20.2	0.6	16.2	3	Brownish gray	None	0.0	2.4	12.3	20.2	62.3	8.1	3.8	4.0	77.1	2.685	Sand/gravel/silt	<5.3	41	41	
			2018/6/1	Sunny	21.4	0.6	18.7	3	Grayish yellowish brown	Faint sewage	0.0	3.2	10.5	14.7	55.6	7.9	4.6	3.2	75.5	2.664	Sand/silt/gravel	<5.4	42	42	
			2018/8/13	Cloudy	26.6	0.6	19.7	3	Blackish brown	Faint sewage	0.0	10.3	3.3	3.7	15.9	31.8	19.8	15.3	50.1	2.617	Silt/sand	180	1,800	1,980	
			2018/10/10	Sunny	23.6	0.6	19.4	5	Blackish brown	Faint sewage	0.0	0.7	0.0	0.2	4.1	36.1	36.2	22.5	38.7	2.527	Silt/sand	370	3,900	4,270	
			2018/11/6	Cloudy	16.3	0.6	15.5	5	Blackish brown	Faint sewage	0.0	1.0	0.9	1.1	14.0	35.4	30.7	17.0	27.0	2.581	Silt/sand	460	4,200	4,660	
			2018/12/5	Cloudy	10.7	0.7	10.8	3	Black	Faint sewage	4.0	0.5	0.3	0.3	2.0	20.9	51.0	20.9	34.2	2.538	Silt	370	4,200	4,570	
	12	Ihiwatado Bridge	Mitsushima City	2018/5/11	Sunny	18.0	0.4	11.8	3	Dull yellowish brown	Faint swamp	0.0	19.3	37.9	21.3	18.9	1.4	1.0	78.5	2.660	Gravel/sand	100	990	1,090	
				2018/6/4	Sunny	20.8	0.5	17.1	3	Dull yellowish brown	None	0.0	6.4	39.0	38.8	12.8	1.0	0.8	1.1	81.9	2.622	Gravel/sand	110	1,000	1,110
				2018/8/21	Sunny	28.2	0.6	21.5	3	Grayish yellowish brown	Faint swamp	0.0	12.4	27.1	26.9	26.8	4.5	1.0	1.2	81.0	2.607	Gravel/sand	120	1,200	1,320
				2018/10/15	Cloudy	18.3	0.5	17.2	5	Brown	None	0.0	13.7	29.8	31.4	20.7	2.4	0.6	1.2	79.2	2.591	Gravel/sand	110	1,200	1,310
				2018/11/13	Cloudy	13.5	0.5	13.8	5	Grayish yellowish brown	Faint phytoplankton	0.0	17.5	37.2	27.3	13.9	1.8	1.0	1.4	77.2	2.623	Gravel/sand	100	1,400	1,500
				2018/12/4	Sunny	17.5	0.5	12.0	5	Grayish yellowish brown	None	0.0	21.8	40.4	25.9	9.1	1.0	0.5	1.1	79.5	2.642	Gravel/sand	90	1,100	1,190
13	Yagowara Bridge	2018/5/28	Sunny	25.3	0.3	18.9	3	Dull yellowish brown	Faint swamp	0.0	32.0	23.1	24.5	18.0	0.6	0.9	0.9	78.4	2.650	Gravel/sand	70	660	730		
		2018/6/19	Cloudy	22.0	0.3	16.6	3	Dull yellowish brown	None	0.0	2.2	31.0	38.6	24.0	2.3	0.7	1.3	79.0	2.614	Gravel/sand	78	810	888		
		2018/8/8	Rain	19.6	0.4	20.7	3	Brown	Faint swamp	0.0	18.9	38.1	21.8	18.9	1.5	0.0	0.9	78.8	2.641	Gravel/sand	65	680	745		
		2018/10/3	Sunny	24.5	0.5	19.3	3	Dull yellowish brown	Faint swamp	0.0	21.5	26.5	26.6	21.9	2.0	0.6	1.0	78.7	2.624	Gravel/sand	89	960	1,049		
		2018/11/15	Sunny	8.4	0.3	11.1	3	Brown	Faint swamp	0.0	23.0	30.1	29.4	14.7	0.5	0.8	1.5	84.2	2.636	Gravel/sand	56	700	756		
		2018/12/16	Cloudy	10.4	0.3	7.4	4	Dull yellowish brown	None	0.0	31.8	27.0	23.4	14.1	0.6	0.8	1.2	78.5	2.635	Gravel/sand	58	720	778		
14	Masuda Bridge	2018/5/20	Sunny	26.4	0.7	17.3	3	Blackish brown	Faint sewage	0.0	1.5	6.8	16.4	40.6	21.2	5.1	8.2	56.0	2.609	Sand/silt	150	1,600	1,750		
		2018/6/20	Cloudy	19.5	0.6	16.7	3	Grayish yellowish brown	None	0.0	2.5	6.7	12.0	30.4	31.3	7.6	9.5	59.4	2.574	Sand/silt	160	1,700	1,860		
		2018/8/27	Rain	28.4	0.6	19.8	5	Blackish brown	Faint sewage	0.0	3.4	11.3	17.2	33.6	19.1	7.2	8.1	49.4	2.578	Silt/sand	160	1,800	1,960		
		2018/10/20	Cloudy	16.0	0.7	15.9	5	Brownish gray	Faint sewage	0.0	3.7	9.3	17.5	32.0	24.2	6.4	6.0	67.5	2.617	Silt/sand	120	1,400	1,520		
		2018/11/13	Sunny	15.8	0.6	15.3	5	Brownish gray	Faint sewage	0.0	5.3	9.9	13.4	33.7	29.1	3.5	5.1	69.9	2.622	Sand/silt	110	1,400	1,510		
		2018/12/7	Cloudy	7.4	0.7	12.0	5	Brownish gray	Faint sewage	0.0	5.8	12.0	14.4	33.0	26.1	3.8	4.9	75.8	2.656	Sand/silt/gravel	110	1,200	1,310		
15	JR Tetusaki Bridge	2018/5/20	Sunny	25.2	0.3	17.5	3	Brown	Faint swamp	0.0	3.1	36.0	49.0	8.9	1.2	0.7	1.2	80.2	2.633	Gravel/sand	8.3	99	107.3		
		2018/6/20	Cloudy	19.3	0.3	17.0	5	Grayish yellowish brown	None	0.0	2.4	26.4	40.9	16.5	10.6	1.1	2.2	78.5	2.613	Sand/gravel	6.7	72	78.7		
		2018/8/27	Rain	25.4	0.3	20.8	3	Grayish yellowish brown	Faint swamp	0.0	3.0	35.5	23.4	24.6	9.9	2.0	1.2	81.0	2.619	Gravel/sand	7.5	70	77.5		
		2018/10/20	Cloudy	15.6	0.3	15.7	3	Grayish yellowish brown	None	0.0	0.5	12.9	54.4	26.1	2.7	0.9	2.6	76.5	2.612	Gravel/sand	<5.9	85	85		
		2018/11/13	Sunny	15.8	0.3	15.0	3	Grayish yellowish brown	Faint swamp	5.6	16.3	14.7	33.6	21.4	5.4	0.6	2.3	80.0	2.651	Sand/gravel	<5.5	80	80		
		2018/12/7	Cloudy	8.2	0.4	11.4	3	Grayish yellowish brown	None	0.0	4.1	22.8	43.6	21.5	5.8	0.7	1.5	83.9	2.661	Sand/gravel	12	110	122		

# Fukushima River (Sediment/Hamadori Area) 3/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																Activity concentration (Bq/kg(dry))			Remarks
	No.	Location	Municipality					General items										Sediment content (%)			Density (g/cm <sup>3</sup> )		Property		Radioactive cesium		
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Coarse	Medium	Fine	Coarse	Medium	Co-134	Co-137	
R i v e r	16	Ota River	Maruyama Bridge	Miyama City	2018/5/5	Cloudy	11.1	0.3	12.1	3	Grayish yellowish brown	None	0.0	4.2	9.2	42.8	31.7	2.6	77.5	2.744	Sand/gravel	4.3	30	34.3			
					2018/6/3	Cloudy	19.0	0.4	19.6	3	Grayish yellowish brown	None	0.0	1.8	6.5	12.5	80.0	25.6	1.8	1.8	79.6	2.746	Sand/gravel	-5.3	21	21	
					2018/8/12	Cloudy	28.5	0.4	21.7	3	Grayish yellowish brown	None	0.0	2.0	8.5	17.8	47.1	22.6	0.3	1.8	79.3	2.711	Sand/gravel	-4.9	17	17	
					2018/10/18	Sunny	13.5	0.3	16.0	3	Grayish yellowish brown	Faint algae	0.0	1.5	7.1	14.9	49.3	21.0	1.9	4.4	77.9	2.670	Sand/gravel	-6.4	30	30	
					2018/11/11	Sunny	13.2	0.3	13.8	3	Brownish gray	Faint phytoplankton	0.0	1.2	3.6	10.9	57.2	23.4	1.6	3.1	83.3	2.662	Sand/gravel	-5.2	11	11	
					2018/12/2	Sunny	4.2	0.3	7.5	5	Grayish yellowish brown	None	0.0	6.0	6.4	10.5	43.0	29.8	2.3	2.1	79.3	2.701	Sand/gravel	-6.4	32	32	
	17	Shimokawara Bridge	Miyama City	2018/5/17	Cloudy	20.8	0.3	15.7	3	Dull yellowish brown	None	2.2	34.9	23.9	18.7	17.0	1.7	0.4	1.1	82.6	2.681	Gravel/sand	52	550	602		
				2018/6/18	Cloudy	21.7	0.3	15.8	3	Dull yellowish brown	None	0.0	31.1	26.1	20.9	18.9	1.7	0.4	0.8	79.1	2.644	Gravel/sand	42	450	492		
				2018/8/20	Sunny	27.9	0.3	19.6	3	Brown	Faint swamp	0.0	23.4	28.6	25.3	19.7	2.0	0.0	1.0	86.4	2.646	Gravel/sand	52	530	582		
				2018/10/3	Sunny	23.0	0.4	18.2	3	Dull yellowish brown	None	0.0	25.7	25.5	19.3	21.7	4.5	0.5	2.8	80.3	2.688	Gravel/sand	56	690	746		
				2018/11/04	Sunny	21.2	0.3	14.1	3	Dull yellowish brown	Faint swamp	0.0	28.3	31.2	22.5	15.2	1.2	0.4	1.2	82.7	2.647	Gravel/sand	28	360	388		
				2018/12/8	Sunny	6.1	0.3	9.9	3	Dull yellowish brown	None	0.0	31.2	33.1	25.1	8.7	0.9	0.0	1.1	89.2	2.666	Gravel/sand	26	300	326		
	18	Oda River	Zenkoji Bridge	Miyama City	2018/5/19	Cloudy	16.0	0.5	14.8	3	Dull yellowish brown	Faint swamp	0.0	31.8	26.2	18.1	21.8	0.9	1.1	1.0	79.0	2.646	Gravel/sand	22	230	252	
					2018/6/17	Cloudy	18.6	0.4	16.4	3	Dull yellowish brown	Faint swamp	0.0	23.2	25.6	18.8	26.0	4.9	0.0	1.2	81.3	2.645	Gravel/sand	11	120	131	
					2018/8/20	Sunny	29.7	0.4	21.1	3	Dull yellowish brown	None	0.0	30.5	33.9	22.3	10.7	1.5	0.4	0.7	88.8	2.618	Gravel/sand	8.1	110	118.1	
					2018/10/2	Sunny	24.5	0.6	19.1	3	Brown	None	0.0	31.8	33.3	19.7	11.8	2.8	0.2	0.8	85.8	2.631	Gravel/sand	9.9	120	129.9	
					2018/11/11	Sunny	29.2	0.3	13.9	3	Dull yellowish brown	None	0.0	29.5	29.5	24.9	12.9	1.6	0.4	1.8	79.1	2.642	Gravel/sand	9.5	98	107.5	
					2018/12/9	Sunny	5.5	0.3	8.1	3	Dull yellowish brown	Faint swamp	0.0	62.3	31.8	17.9	6.3	0.5	0.4	0.8	83.4	2.655	Gravel/sand	9.0	98	107.0	
	19	Hataokara Bridge	Miyama City	2018/5/5	Sunny	17.4	0.5	14.2	3	Grayish yellowish brown	None	0.0	0.2	0.2	0.1	37.7	88.3	1.5	2.3	76.7	2.745	Sand	-4.7	9.1	9.1		
				2018/6/3	Cloudy	19.6	0.5	19.1	3	Grayish yellowish brown	None	0.0	1.4	0.7	0.3	37.1	86.7	0.6	3.2	76.1	2.743	Sand	-5.5	8.0	8.0		
				2018/8/12	Cloudy	26.8	0.5	22.0	3	Grayish yellowish brown	None	0.0	2.0	4.1	6.0	55.6	30.4	0.0	1.0	77.8	2.739	Sand/gravel	-6.0	9.4	9.4		
2018/10/7				Sunny	29.9	0.4	20.9	3	Brownish gray	None	0.0	1.3	0.3	0.4	37.3	86.8	1.9	2.9	77.1	2.687	Sand	-4.8	14	14			
2018/11/11				Sunny	17.0	0.5	15.9	5	Grayish yellowish brown	None	0.0	0.7	1.0	1.0	69.3	23.2	2.0	2.8	77.5	2.681	Sand	-4.8	6.1	6.1			
2018/12/2				Sunny	10.9	0.5	12.4	5	Grayish yellowish brown	None	0.0	0.1	0.3	0.8	40.3	53.7	1.7	3.2	75.4	2.694	Sand	-6.3	21	21			
20	Murohara Bridge	Miyama City	2018/5/16	Sunny	31.8	0.3	16.3	3	Brown	Faint swamp	0.0	24.6	28.4	24.2	18.9	2.5	0.3	1.1	79.3	2.665	Gravel/sand	410	4,200	4,610			
			2018/6/9	Cloudy	27.3	0.3	20.2	3	Brown	Faint swamp	0.0	13.2	33.1	29.8	21.7	1.1	0.0	1.1	77.8	2.619	Gravel/sand	410	4,400	4,810			
			2018/7/10	Cloudy	29.4	0.3	20.9	5	Brown	Faint swamp	0.0	6.0	33.4	34.5	22.7	2.1	0.0	1.2	76.8	2.599	Gravel/sand	370	4,200	4,570			
			2018/8/18	Sunny	25.7	0.6	21.6	4	Brown	Faint swamp	0.0	18.8	28.4	24.5	24.4	2.3	0.5	1.1	77.5	2.619	Gravel/sand	410	4,000	4,410			
			2018/9/10	Rain	20.4	0.4	18.2	5	Dull yellowish brown	Faint swamp	0.0	13.6	30.7	27.9	23.6	2.5	0.6	1.1	77.5	2.632	Gravel/sand	420	4,500	4,920			
			2018/10/13	Cloudy	18.2	0.5	16.2	4	Brown	Faint phytoplankton	0.0	7.8	30.1	29.9	26.5	3.2	1.1	1.4	79.1	2.611	Gravel/sand	320	3,500	3,820			
			2018/11/15	Sunny	15.9	0.3	11.1	3	Brown	Faint swamp	0.0	11.7	35.4	29.0	19.9	1.5	0.9	1.7	78.5	2.629	Gravel/sand	300	3,100	3,400			
			2018/12/15	Cloudy	8.0	0.3	5.9	5	Brown	None	0.0	11.8	32.2	28.1	22.9	2.3	0.0	1.6	77.3	2.660	Gravel/sand	350	4,300	4,650			
			2019/1/18	Sunny	4.5	0.2	3.3	5	Brown	Faint swamp	0.0	11.4	36.0	26.0	21.5	2.7	0.5	2.0	77.8	2.654	Gravel/sand	290	3,500	3,790			
			2019/2/12	Sunny	7.5	0.2	3.8	5	Brown	None	0.0	15.0	35.2	26.1	20.3	1.8	0.0	1.5	77.2	2.626	Gravel/sand	310	3,500	3,810			
			2019/5/5	Cloudy	26.3	0.5	17.0	3	Grayish yellowish brown	None	0.0	22.4	19.7	13.1	29.3	13.0	0.1	2.3	80.2	2.701	Gravel/sand	110	1,200	1,310			
			21	Utsudo Bridge	Namiie Town	2018/6/3	Cloudy	21.4	0.6	19.8	3	Grayish yellowish brown	None	0.0	14.2	11.9	10.7	44.5	15.8	1.2	1.7	74.4	2.682	Sand/gravel	240	2,300	2,540
2018/7/5	Cloudy	28.9				0.5	22.8	3	Grayish yellowish brown	Faint swamp	0.0	19.1	15.6	15.8	34.6	11.0	1.7	2.2	79.8	2.637	Sand/gravel	160	1,700	1,860			
2018/8/12	Cloudy	25.2				0.5	21.6	3	Brown	None	0.0	0.5	9.1	63.6	24.7	0.3	0.0	1.8	80.3	2.637	Sand/gravel	34	350	384			
2018/9/10	Rain	19.8				0.4	19.1	4	Brown	Faint swamp	0.0	5.1	15.0	40.2	38.4	0.4	0.1	0.8	77.4	2.657	Sand/gravel	41	490	531			
2018/10/5	Cloudy	22.7				0.3	17.7	5	Dull yellowish brown	None	0.0	2.7	14.9	43.4	36.0	0.5	0.9	1.6	76.0	2.610	Gravel/sand	29	360	389			
2018/11/7	Sunny	19.2				0.3	16.1	3	Grayish yellowish brown	Faint swamp	0.0	13.2	19.9	31.4	31.9	1.0	0.7	1.9	81.1	2.675	Gravel/sand	50	590	640			
2018/12/2	Sunny	11.9				0.3	9.7	3	Grayish yellowish brown	None	0.0	2.8	7.2	22.4	62.5	1.4	1.9	1.7	75.0	2.639	Sand/gravel	100	1,200	1,300			
2019/1/6	Cloudy	5.9				0.6	4.8	5	Brown	None	0.0	0.0	1.7	53.9	39.4	1.1	0.7	3.2	75.9	2.655	Sand/gravel	39	500	539			
2019/2/11	Cloudy	5.6				0.4	6.3	3	Grayish yellowish brown	None	0.0	9.4	6.3	30.7	43.6	5.8	0.6	3.8	76.1	2.634	Sand/gravel	65	850	915			

# Fukushima River (Sediment/Hamadori Area) 4/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment														Activity concentration (Bq/kg(dry))			Remarks		
	Location	Municipality	General items							Grain size distribution(%)							Density (g/cm <sup>3</sup> )	Property	Radioactive cesium								
			Sediment temperature (°C)					Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand			Silt	Clay	Sediment content (%)	Cs-134	Cs-137	Total			
R i v e r	22	Furumichi River Before the confluence with Fukase River (Myakoji-machi furumichishidaura)	Tamara City	2018/5/1	Sunny	26.4	0.4	19.0	0.0	5	Grayish yellowish brown	None	0.0	0.0	0.1	17.4	77.0	2.6	1.9	69.9	2.685	Sand	7.2	66	73.2		
				2018/6/2	Sunny	26.1	0.6	16.5	3	Blackish brown	None	0.0	0.0	0.1	0.9	49.0	43.8	3.3	3.0	69.2	2.711	Sand	11	100	111		
				2018/8/7	Rain	19.5	0.6	17.8	3	Brownish gray	None	0.0	0.0	0.3	4.5	74.6	13.8	3.8	3.1	71.5	2.698	Sand	8.5	93	101.5		
				2018/10/5	Cloudy	21.8	0.6	15.8	3	Dark grayish yellow	None	0.0	0.0	0.1	1.3	66.5	21.5	2.6	4.0	69.9	2.685	Sand	12	110	122		
				2018/11/8	Cloudy	13.4	0.4	11.9	5	Grayish yellowish brown	None	0.0	0.0	1.7	36.2	56.0	2.3	0.9	2.8	73.6	2.711	Sand/gravel	<6.3	50	50		
				2018/12/15	Cloudy	0.0	0.4	3.3	3	Blackish brown	Faint algae	0.0	0.0	2.2	29.4	55.4	9.2	1.6	2.3	74.1	2.698	Sand	<7.8	59	59		
	23	Takase River	Kcio Bridge	Namic Town	2018/5/6	Sunny	17.0	0.3	12.9	3	Dull yellowish brown	Faint swamp	0.0	17.1	32.3	24.7	21.1	3.3	0.6	1.0	83.5	2.659	Gravel/sand	33	340	373	
					2018/6/3	Sunny	21.0	0.3	22.9	3	Brown	None	0.0	14.2	24.1	35.4	20.7	3.1	1.3	1.3	79.9	2.618	Gravel/sand	23	250	273	
					2018/8/2	Sunny	27.1	0.4	22.6	3	Grayish yellowish brown	None	0.0	20.5	19.0	16.5	30.7	8.6	2.4	1.2	81.3	2.716	Gravel/sand	45	580	545	
					2018/10/2	Sunny	24.8	0.4	18.8	3	Brown	Faint swamp	0.0	22.3	34.3	22.6	15.0	3.7	0.7	1.4	81.3	2.635	Gravel/sand	34	420	454	
					2018/11/8	Cloudy	14.0	0.3	13.1	3	Dull yellowish brown	None	0.0	22.1	30.2	33.3	12.4	0.1	0.3	1.0	78.8	2.666	Gravel/sand	23	210	233	
					2018/12/2	Sunny	11.1	0.3	9.4	3	Grayish yellowish brown	Faint swamp	0.0	22.5	33.2	31.1	12.1	0.2	0.0	0.0	82.3	2.642	Gravel/sand	14	170	184	
	24	National Route 6, west	Futaba Town	Maeda River	2018/5/28	Cloudy	24.0	0.5	17.5	3	Dull yellowish brown	Faint phytoplankton	0.0	31.7	40.5	21.8	4.2	0.7	0.6	0.5	82.3	2.685	Gravel/sand	26	2,460	2,586	
					2018/6/17	Cloudy	19.8	0.3	15.8	3	Dull yellowish brown	None	0.0	20.9	41.7	28.6	7.0	0.9	0.1	0.7	86.2	2.677	Gravel/sand	160	1,700	1,860	
					2018/8/24	Cloudy	29.8	0.3	23.6	3	Dull yellowish brown	None	0.0	21.9	45.6	24.0	5.7	1.8	0.4	0.6	83.3	2.679	Gravel/sand	560	6,000	7,160	
					2018/10/17	Cloudy	15.9	0.3	15.9	3	Dull yellowish brown	None	0.0	27.0	45.6	21.4	4.6	1.0	0.0	0.5	82.2	2.645	Gravel/sand	150	1,700	1,850	
					2018/11/18	Sunny	14.6	0.3	12.4	3	Dark brown	None	0.0	24.5	40.7	22.4	7.6	3.2	0.7	0.7	83.1	2.687	Gravel/sand	150	1,900	2,050	
					2018/12/16	Sunny	6.8	0.2	5.4	3	Dull yellowish brown	None	0.0	31.5	39.6	20.6	4.5	2.3	0.8	0.6	83.8	2.688	Gravel/sand	170	2,200	2,370	
	25	Nakabana Bridge	Namic Town	Maeda River	2018/5/5	Sunny	19.1	0.5	16.3	3	Blackish brown	None	0.0	18.9	17.8	17.3	27.2	14.6	1.9	2.4	80.9	2.725	Gravel/sand/silt	120	1,200	1,320	
					2018/6/3	Cloudy	20.8	0.6	21.0	3	Grayish yellowish brown	None	0.0	13.2	16.1	20.4	32.0	15.5	1.5	1.4	76.4	2.693	Gravel/sand	120	1,100	1,220	
2018/8/12					Sunny	29.8	0.5	24.2	3	Brownish gray	Faint sewage	0.0	13.8	16.4	12.8	31.7	21.3	1.8	2.3	81.3	2.760	Gravel/sand	110	1,300	1,410		
2018/10/5					Cloudy	22.5	0.5	18.4	3	Brownish gray	None	0.0	11.2	17.6	17.4	28.9	21.5	1.4	2.1	79.2	2.686	Gravel/sand/silt	100	1,200	1,300		
2018/11/7					Sunny	16.1	0.5	15.2	3	Grayish yellowish brown	None	0.0	23.6	16.1	14.7	26.1	16.1	1.3	2.3	79.3	2.723	Gravel/sand	88	1,000	1,088		
2018/12/2					Sunny	12.0	0.5	10.4	3	Grayish yellowish brown	Faint swamp	0.0	17.1	28.3	29.9	19.1	3.9	0.4	1.3	81.7	2.714	Gravel/sand	43	470	513		
26	National Route 6, west	Okuma Town	Kamagawa River	2018/5/10	Cloudy	13.5	0.5	11.2	3	Brown	Faint swamp	0.0	13.7	44.3	35.4	5.0	0.8	0.1	0.0	82.0	2.703	Gravel/sand	46	430	476		
				2018/6/5	Cloudy	25.7	0.5	16.9	3	Dull yellowish brown	None	0.0	10.5	23.3	55.4	8.9	0.6	0.1	1.3	79.8	2.693	Gravel/sand	53	530	583		
				2018/8/15	Sunny	30.5	0.5	20.4	3	Grayish yellowish brown	None	0.0	2.6	12.8	23.6	43.8	13.0	1.6	2.6	76.3	2.659	Sand/gravel	92	1,100	1,192		
				2018/10/11	Cloudy	20.3	0.6	16.2	3	Grayish yellowish brown	None	0.0	11.7	39.2	41.4	6.2	0.5	0.1	1.0	81.6	2.703	Gravel/sand	38	450	488		
				2018/11/14	Sunny	17.3	0.3	11.8	3	Grayish yellowish brown	Faint swamp	0.0	18.3	31.1	33.5	14.5	1.0	0.0	1.5	80.2	2.669	Gravel/sand	43	490	533		
				2018/12/11	Cloudy	6.7	0.3	6.5	3	Grayish yellowish brown	Faint swamp	0.0	19.4	53.3	21.0	4.0	0.9	0.6	0.8	80.5	2.676	Gravel/sand	34	370	404		
27	Mikuma Bridge	Okuma Town	Kamagawa River	2018/5/25	Sunny	26.3	0.4	20.1	3	Brownish gray	Faint swamp	0.0	1.1	30.6	52.4	14.3	0.2	0.0	1.4	84.8	2.643	Gravel/sand	60	650	710		
				2018/6/17	Cloudy	20.0	0.3	15.9	3	Grayish yellowish brown	None	0.0	7.0	50.7	30.8	9.2	0.6	0.7	1.0	81.4	2.649	Gravel/sand	90	910	1,000		
				2018/8/26	Sunny	33.0	0.3	26.3	3	Dull yellowish brown	Faint swamp	0.0	22.0	31.7	27.0	15.2	2.7	0.6	0.9	81.1	2.640	Gravel/sand	87	950	1,037		
				2018/10/17	Cloudy	16.8	0.4	16.2	3	Grayish yellowish brown	None	0.0	18.2	22.5	25.3	29.3	4.8	0.0	1.9	79.2	2.630	Gravel/sand	92	1,100	1,192		
				2018/11/16	Sunny	15.9	0.4	13.5	3	Brownish gray	Faint swamp	0.0	13.4	35.4	29.6	12.9	2.3	0.5	0.9	81.7	2.651	Gravel/sand	75	920	995		
				2018/12/16	Sunny	9.8	0.3	7.4	5	Grayish yellowish brown	None	0.0	18.3	35.1	33.2	10.2	0.9	0.5	1.8	80.6	2.645	Gravel/sand	60	810	870		
28	Tomioka River	Nabekura Bridge	Kawachi Village	2018/5/20	Sunny	17.1	0.2	10.7	3	Dull yellowish brown	None	0.0	4.0	28.8	40.3	24.2	1.4	0.0	1.3	77.8	2.643	Sand/gravel	9.9	110	119.9		
				2018/6/19	Cloudy	19.1	0.2	12.7	3	Dull yellowish brown	None	0.0	3.6	20.1	45.9	26.5	2.2	0.2	1.5	74.4	2.618	Sand/gravel	11	140	151		
				2018/8/23	Sunny	26.7	0.2	18.7	3	Dull yellowish brown	Faint swamp	0.0	4.4	28.0	39.5	22.9	2.6	0.7	2.0	79.4	2.668	Sand/gravel	8.3	93	101.3		
				2018/10/20	Cloudy	13.9	0.2	11.9	3	Grayish yellowish brown	None	0.0	1.1	17.4	45.5	30.2	2.5	0.6	2.7	75.4	2.658	Sand/gravel	11	120	131		
				2018/11/20	Sunny	8.1	0.2	8.7	3	Grayish yellowish brown	None	0.0	6.1	25.4	32.9	29.2	2.8	0.7	2.0	75.9	2.683	Sand/gravel	9.5	120	129.5		
				2018/12/19	Sunny	8.5	0.2	6.0	3	Grayish yellowish brown	None	0.0	10.9	28.3	33.3	23.1	1.7	0.7	1.8	76.5	2.641	Sand/gravel	11	140	151		

# Fukushima River (Sediment/Hamadori Area) 5/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment														Activity concentration [Bq/kg(dry)]			Remarks		
	Location	Municipality	Sample length (cm)					General items											Density		Property						
								Sediment temperature (°C)	Color	Odor	Grain size distribution(%)					Silt	Clay	Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium						
											Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand						Fine sand	Cs-134	Cs-137	Total			
R i v e r s	29	Sakaigawa Bridge	Kawauchi Village	2018/5/4	Rain	10.3	0.2	11.1	3	Grayish yellowish brown	None	0.0	14.4	24.8	24.6	29.6	4.2	1.2	1.2	78.2	2.698	Sand/gravel	21	220	241		
				2018/6/5	Sunny	23.0	0.2	12.8	3	Dull yellowish brown	None	0.0	13.9	30.7	24.2	21.5	5.3	3.3	1.1	75.1	2.675	Sand/gravel	24	310	334		
				2018/8/7	Rain	20.1	0.2	15.7	3	Grayish yellowish brown	None	0.0	9.8	26.5	27.8	26.4	5.0	3.0	1.6	75.6	2.674	Sand/gravel	28	300	328		
				2018/10/7	Sunny	25.1	0.2	16.6	3	Grayish yellowish brown	Faint swamp	0.0	13.8	21.7	24.2	21.0	5.9	1.4	1.3	74.9	2.652	Sand/gravel	24	230	254		
				2018/11/4	Sunny	9.5	0.3	10.9	3	Grayish yellowish brown	None	0.0	9.0	39.9	22.0	21.0	5.5	1.2	1.5	75.4	2.679	Gravel/sand	20	260	220		
				2018/12/19	Sunny	10.2	0.3	7.7	3	Grayish yellowish brown	None	0.0	11.1	10.5	28.6	50.7	5.7	0.0	3.5	72.3	2.660	Sand/gravel	23	270	292		
		30	Tomiooka River	National Route 6, west	Tomiooka Town	2018/5/6	Sunny	21.8	0.4	13.8	3	Blackish brown	None	0.0	11.5	24.8	42.9	19.2	0.4	0.1	1.2	80.9	2.714	Gravel/sand	77	730	807
						2018/6/10	Rain	17.3	0.4	17.0	3	Grayish yellowish brown	Faint swamp	0.0	14.0	23.8	36.8	23.2	1.1	0.0	1.2	81.3	2.705	Gravel/sand	-9.3	90	90
						2018/8/11	Sunny	31.0	0.5	21.4	3	Grayish yellowish brown	None	3.0	10.5	19.5	43.1	16.2	0.5	0.0	1.2	81.6	2.645	Gravel/sand	51	570	621
						2018/10/12	Rain	17.7	0.3	17.7	3	Grayish yellowish brown	Faint swamp	0.0	14.3	23.1	47.3	12.7	0.2	0.7	1.8	80.9	2.654	Sand/gravel	48	460	508
						2018/11/4	Sunny	18.0	0.3	14.3	3	Grayish yellowish brown	None	0.0	16.9	24.4	35.6	18.7	1.6	1.1	1.7	80.3	2.703	Gravel/sand	45	540	585
						2018/12/1	Sunny	13.1	0.3	12.2	5	Grayish yellowish brown	Faint swamp	0.0	14.7	22.6	39.8	19.8	1.2	0.6	1.2	78.7	2.697	Sand/gravel	50	560	610
	31		Kobama Bridge			2018/5/4	Sunny	17.8	0.5	15.4	3	Grayish yellowish brown	None	0.0	29.5	24.0	15.3	16.8	8.0	4.0	2.5	78.4	2.706	Gravel/sand/silt	31	220	251
						2018/6/10	Cloudy	17.6	0.3	17.2	3	Brownish gray	None	0.0	10.6	25.7	23.9	28.3	7.8	2.2	1.2	79.1	2.703	Gravel/sand	25	340	365
						2018/8/11	Cloudy	26.0	0.5	21.4	3	Grayish yellowish brown	None	0.0	19.6	26.1	21.1	15.6	11.4	3.8	2.5	81.0	2.667	Gravel/sand	7.4	71	78.4
						2018/10/7	Sunny	27.5	0.2	20.3	3	Brownish gray	Faint swamp	0.0	10.9	26.0	21.8	27.0	11.6	0.7	1.9	80.7	2.669	Gravel/sand	37	500	537
						2018/11/4	Sunny	19.8	0.2	15.1	3	Grayish yellowish brown	Faint swamp	0.0	25.8	24.0	21.1	23.4	2.3	1.0	1.9	81.3	2.710	Gravel/sand	38	480	518
						2018/12/1	Sunny	12.3	0.2	12.2	3	Grayish yellowish brown	None	0.0	13.9	30.3	27.2	18.5	6.2	1.5	2.4	79.9	2.698	Sand/gravel	32	400	432
	32	Megawa River	Motogami Bridge	Naraha Town	2018/5/20	Sunny	17.4	0.4	17.2	3	Grayish yellowish brown	None	0.0	5.2	21.9	37.3	31.1	1.6	0.8	2.1	79.5	2.671	Sand/gravel	14	170	184	
					2018/6/18	Cloudy	19.4	0.4	16.0	3	Grayish yellowish brown	None	1.6	11.6	15.7	30.7	35.0	2.3	1.6	1.4	74.2	2.652	Sand/gravel	21	190	211	
					2018/8/18	Sunny	24.0	0.3	19.1	3	Grayish yellowish brown	Faint swamp	0.0	4.9	17.8	29.8	39.7	4.7	0.8	2.3	76.4	2.660	Sand/gravel	18	180	198	
					2018/10/9	Cloudy	23.3	0.4	18.6	3	Grayish yellowish brown	None	0.0	17.1	28.7	25.3	24.1	2.2	1.6	1.1	80.4	2.657	Sand/gravel	11	140	151	
					2018/11/11	Sunny	19.2	0.4	14.1	3	Grayish yellowish brown	None	0.0	12.6	18.4	24.2	36.8	4.6	1.5	2.0	78.1	2.673	Sand/gravel	15	170	185	
					2018/12/10	Sunny	9.0	0.3	8.3	3	Dark grayish yellow	Faint algae	0.0	21.2	27.4	26.2	20.6	2.1	0.6	2.0	79.6	2.703	Sand/gravel	13	130	143	
		33	Kawauchi River	Before the confluence with Kikagawa River (Hamamatsuba Bridge)	Kawauchi Village	2018/5/20	Sunny	16.8	0.3	10.8	3	Dull yellowish brown	None	0.0	2.6	9.0	29.7	52.1	3.3	1.8	1.7	74.4	2.637	Sand/gravel	11	110	121
						2018/6/19	Cloudy	18.1	0.2	12.6	3	Dull yellowish brown	None	0.0	1.3	19.8	33.8	40.5	3.0	0.0	1.6	75.2	2.621	Sand/gravel	8.4	62	70.4
						2018/8/23	Sunny	31.1	0.2	17.9	3	Dull yellowish brown	None	0.0	3.8	25.1	23.8	42.2	3.0	0.8	1.4	81.0	2.633	Sand/gravel	-6.1	68	68
						2018/10/20	Cloudy	14.5	0.3	12.3	3	Dull yellowish brown	None	0.0	9.8	23.8	13.8	42.6	7.4	0.7	2.0	77.7	2.653	Sand/gravel	11	130	141
						2018/11/20	Sunny	9.8	0.3	8.9	3	Dull yellowish brown	None	0.0	0.0	3.4	31.3	57.1	5.2	0.7	2.3	72.4	2.664	Sand/gravel	10	120	130
						2018/12/19	Sunny	4.3	0.3	4.6	3	Dull yellowish brown	None	0.0	8.7	23.0	25.7	35.8	6.8	0.7	2.1	74.6	2.631	Sand/gravel	-7.0	86	86
	34	Nahiyama Bridge			2018/5/20	Sunny	16.3	0.3	11.7	3	Dull yellowish brown	None	0.0	3.9	26.5	43.9	30.2	2.8	1.1	1.6	84.5	2.635	Sand/gravel	-6.3	14	14	
					2018/6/19	Cloudy	19.6	0.3	16.3	3	Dull yellowish brown	None	0.0	11.1	20.0	40.1	23.0	11.9	2.2	1.6	76.6	2.624	Sand/gravel	5.3	42	47.3	
					2018/8/23	Sunny	33.2	0.3	23.2	3	Dull yellowish brown	None	4.0	6.6	31.2	25.9	32.7	1.8	0.6	1.2	80.8	2.641	Sand/gravel	-4.5	39	39	
					2018/10/20	Cloudy	14.1	0.2	12.6	3	Dull yellowish brown	Faint earth	0.0	3.2	10.3	17.9	39.6	3.1	0.1	1.2	72.0	2.599	Sand/gravel	-5.4	38	38	
					2018/11/20	Sunny	7.0	0.4	7.8	3	Dull yellowish brown	None	0.0	2.2	10.1	26.7	55.7	2.7	0.9	1.2	73.9	2.653	Sand/gravel	-5.9	48	48	
					2018/12/19	Sunny	4.5	0.4	4.5	3	Dull yellowish brown	None	0.0	1.6	11.8	25.1	57.3	1.6	0.1	2.6	72.6	2.635	Sand/gravel	-7.9	58	58	
		35	Kikagawa River	Nagatoro Bridge	Naraha Town	2018/5/22	Sunny	21.3	1.3	17.9	5	Dull yellowish brown	Faint swamp	0.0	1.8	24.6	49.3	21.4	1.3	0.1	1.5	75.4	2.631	Sand/gravel	-5.9	50	50
						2018/6/18	Cloudy	19.7	1.4	15.8	5	Grayish yellowish brown	Faint swamp	0.0	0.1	0.7	19.0	69.9	5.7	2.6	2.0	72.7	2.627	Sand/gravel	11	92	103
						2018/8/18	Sunny	23.6	1.4	19.5	4	Dull yellowish brown	Faint swamp	0.0	1.2	22.1	53.3	20.3	0.8	0.8	1.5	94.2	2.596	Sand/gravel	-5.6	24	24
						2018/10/9	Cloudy	24.2	1.4	18.2	5	Dull yellowish brown	None	0.0	13.9	37.4	35.3	11.6	0.3	0.4	1.1	77.6	2.615	Gravel/sand	-6.6	34	34
						2018/11/11	Sunny	15.3	1.4	13.7	5	Dull yellowish brown	Faint swamp	0.0	11.0	25.1	57.6	14.9	0.4	0.8	2.2	80.1	2.606	Sand/gravel	-4.8	23	23
						2018/12/14	Sunny	6.5	1.3	5.2	5	Dull yellowish brown	None	0.0	0.2	4.9	50.2	39.6	1.4	0.7	3.1	75.3	2.643	Sand/gravel	-5.8	56	56
	36	Kakikawa Bridge			2018/5/22	Cloudy	18.8	0.5	17.1	3	Dull yellowish brown	Faint swamp	0.0	0.6	12.3	58.1	26.0	1.3	0.1	1.7	81.5	2.628	Sand/gravel	-7.2	78	78	
					2018/6/18	Cloudy	19.8	0.6	17.1	3	Grayish yellowish brown	Faint swamp	0.0	0.5	7.0	41.5	42.8	4.4	1.7	2.1	75.4	2.625	Sand/gravel	9.9	100	109.9	
					2018/8/18	Sunny	22.0	0.6	20.4	3	Dull yellowish brown	Faint swamp	0.0	3.9	11.4	35.2	42.5	3.6	0.9	2.3	78.2	2.626	Sand/gravel	12	110	122	
					2018/10/9	Cloudy	21.8	0.7	18.5	3	Dull yellowish brown	None	0.0	8.0	18.1	37.6	31.8	2.9	0.2	1.5	77.4	2.617	Sand/gravel	11	100	111	
					2018/11/11	Sunny	17.8	0.6	14.2	3	Dull yellowish brown	Faint swamp	0.0	4.8	24.4	37.3	21.5	9.1	0.9	2.2	80.1	2.631	Sand/gravel	8.4	90	98.4	
					2018/12/14	Cloudy	6.2	0.5	6.0	3	Grayish yellowish brown	Faint algae	0.0	7.3	24.9	38.9	24.0	2.3	0.7	2.0	80.1	2.650	Sand/gravel	6.4	69	75.4	

# Fukushima River (Sediment/Hamadori Area) 6/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment														Activity concentration [Bq/kg(dry)]			Remarks	
No.	Location	Municipality	Sediment temperature (°C)					Sample length (cm)	Color	Odor	General items						Grain size distribution (%)		Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium				
											Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay				Cs-134	Cs-137	Total		
R i v e r s	37	Asami River	Boda Bridge	Hirono Town	2018/5/25	Sunny	20.7	0.2	19.1	2.7	22.9	45.5	24.3	1.5	0.0	1.5	76.2	2.635	Sand/gravel	-7.0	58	58				
					2018/6/13	Sunny	21.8	0.2	18.7	3	Dark grayish yellow	None	0.0	21.3	24.1	26.1	23.3	3.1	0.9	1.3	81.3	2.685	Sand/gravel	-5.3	44	44
					2018/8/5	Sunny	30.1	0.2	23.7	3	Grayish yellowish brown	None	2.1	26.1	13.7	23.2	30.0	2.5	0.7	1.8	79.4	2.633	Sand/gravel	-4.2	39	39
					2018/10/18	Sunny	17.7	0.2	16.5	3	Grayish yellowish brown	Faint swamp	0.0	28.7	20.6	23.5	26.5	1.5	0.7	1.4	79.9	2.654	Sand/gravel	-5.2	46	46
					2018/11/21	Sunny	13.3	0.2	9.9	3	Grayish yellowish brown	Faint swamp	0.0	29.9	17.1	24.7	27.8	1.9	0.0	1.7	81.5	2.675	Sand/gravel	-5.7	54	59
					2018/12/9	Cloudy	2.1	0.2	7.1	3	Grayish yellowish brown	None	0.0	21.3	23.7	25.9	25.6	1.8	0.1	1.6	79.6	2.661	Sand/gravel	-7.3	30	30
	38	Ohira River	Kageiso Bridge	Hirono Town	2018/5/5	Sunny	20.3	0.4	19.6	3	Yellowish gray	Faint seaweed	0.0	23.2	37.9	25.5	12.2	0.1	0.4	0.8	88.3	2.649	Sand/gravel	-4.7	41	41
					2018/6/13	Sunny	19.4	0.4	19.0	3	Yellowish gray	None	0.0	19.0	45.0	26.5	8.2	0.2	0.3	0.8	87.4	2.677	Gravel/sand	6.1	36	42
					2018/8/5	Sunny	30.1	0.4	28.0	3	Dark grayish yellow	Faint seaweed	0.0	29.3	32.3	17.0	16.7	8.1	0.7	0.8	82.4	2.621	Sand/gravel	11	75	86
					2018/10/18	Sunny	16.8	0.4	18.5	3	Yellowish gray	Faint seaweed	0.0	19.6	40.0	26.7	10.3	1.5	0.7	0.9	82.6	2.650	Gravel/sand	8.8	100	108.8
					2018/11/01	Sunny	19.4	0.3	16.9	3	Yellowish gray	Faint seaweed	0.0	32.4	29.4	18.3	14.2	4.2	0.3	1.3	84.7	2.643	Sand/gravel	11	120	131
					2018/12/9	Cloudy	-3.7	0.4	7.0	3	Yellowish gray	None	0.0	31.6	30.8	20.7	11.9	3.1	0.4	1.5	83.4	2.660	Sand/gravel	9.2	94	103.5
	39	Kobusa River	Rengo Bridge	Hirono Town	2018/5/5	Sunny	20.8	0.2	15.8	3	Grayish yellowish brown	Faint swamp	0.0	29.3	29.9	19.3	21.6	2.5	0.9	0.9	74.4	2.636	Sand/gravel	7.0	73	80.6
					2018/6/17	Cloudy	19.4	0.2	17.6	3	Grayish yellowish brown	Faint swamp	0.0	25.9	22.6	19.4	27.1	2.6	1.4	1.0	78.1	2.586	Sand/gravel	9.8	83	92.8
					2018/8/5	Cloudy	29.7	0.2	26.1	3	Grayish yellowish brown	Faint swamp	1.8	28.8	25.1	22.5	19.5	0.8	0.7	0.9	77.3	2.599	Sand/gravel	-5.7	63	63
					2018/10/18	Sunny	19.7	0.3	15.8	3	Grayish yellowish brown	Faint swamp	0.0	25.2	20.6	17.3	28.3	4.8	2.1	1.8	80.6	2.631	Sand/gravel	9.2	97	106.2
					2018/11/19	Cloudy	16.5	0.3	12.7	3	Grayish yellowish brown	None	0.0	26.0	24.7	23.9	22.7	1.2	0.1	1.2	81.8	2.647	Sand/gravel	5.0	53	57.6
					2018/12/9	Sunny	6.8	0.2	8.4	3	Grayish yellowish brown	None	0.0	29.1	23.0	20.9	23.1	2.4	0.0	1.4	79.8	2.639	Sand/gravel	-5.4	67	67
	40	Naha River	Kasumida Bridge	Iwaki City	2018/5/5	Sunny	20.1	0.3	15.9	3	Grayish yellowish brown	Faint algae	0.0	35.3	27.5	17.1	15.5	2.8	0.8	1.0	78.2	2.707	Sand/gravel	-6.9	29	29
					2018/6/17	Cloudy	19.3	0.3	17.6	3	Grayish yellowish brown	Faint swamp	0.0	22.1	22.0	16.7	29.6	6.8	1.0	1.9	80.0	2.649	Sand/gravel	-4.7	23	23
					2018/8/5	Cloudy	32.9	0.3	24.7	3	Grayish yellowish brown	None	0.0	15.6	20.3	18.6	39.5	4.1	0.7	1.3	77.2	2.674	Sand/gravel	-5.1	44	44
					2018/10/18	Sunny	15.5	0.3	15.7	3	Grayish yellowish brown	None	0.0	19.9	21.1	17.0	33.1	7.3	0.6	1.8	81.1	2.664	Sand/gravel	-4.4	23	23
					2018/11/19	Cloudy	15.4	0.3	13.9	3	Grayish yellowish brown	Faint swamp	0.0	20.4	17.7	15.7	37.1	6.6	0.6	1.8	77.1	2.688	Sand/gravel	-5.1	23	23
					2018/12/9	Sunny	6.5	0.3	10.3	3	Grayish yellowish brown	None	0.0	21.6	19.9	15.7	33.4	6.5	1.3	1.7	78.4	2.687	Sand/gravel	-4.6	24	24
	41	Naha River	Matsuba Bridge	Iwaki City	2018/5/21	Sunny	20.2	0.3	18.2	3	Grayish yellowish brown	None	0.0	12.9	14.4	19.3	44.5	5.2	2.2	1.5	77.0	2.664	Sand/gravel	-4.6	36	36
					2018/6/14	Sunny	20.4	0.3	21.2	3	Grayish yellowish brown	Faint swamp	0.0	19.2	18.4	22.8	32.4	8.1	0.7	2.5	76.5	2.632	Sand/gravel	-5.2	38	38
					2018/8/18	Sunny	24.2	0.3	21.8	3	Grayish yellowish brown	Faint seaweed	0.0	24.4	18.7	15.8	36.0	3.4	0.4	1.3	78.8	2.640	Sand/gravel	-5.4	42	42
					2018/10/11	Cloudy	19.9	0.3	19.6	3	Grayish yellowish brown	Faint swamp	0.0	4.5	7.8	20.7	53.0	9.5	1.1	3.3	75.9	2.635	Sand/gravel	-4.7	40	40
					2018/11/19	Cloudy	13.4	0.4	13.2	3	Grayish yellowish brown	None	0.0	8.4	12.0	24.2	43.4	8.1	0.1	3.9	76.5	2.680	Sand/gravel	-5.3	37	37
					2018/12/20	Sunny	7.5	0.3	7.5	3	Grayish yellowish brown	None	0.0	6.0	12.0	21.1	44.9	10.4	1.7	4.1	77.8	2.636	Sand/gravel	-5.5	45	45
	42	Kitanouchi Bridge	Ono Town	Ono Town	2018/5/1	Sunny	22.8	0.3	16.1	3	Grayish yellowish brown	Faint swamp	0.0	8.5	24.7	45.9	21.7	0.9	0.0	1.4	76.9	2.700	Sand/gravel	-7.4	7.9	7.9
					2018/6/6	Cloudy	20.9	0.3	18.1	3	Grayish yellowish brown	Faint swamp	0.0	8.5	25.3	33.8	28.7	2.4	0.1	1.3	75.4	2.721	Sand/gravel	-5.8	12	12
					2018/8/16	Cloudy	27.4	0.3	23.6	3	Grayish yellowish brown	None	0.0	2.5	16.9	35.4	34.7	8.1	0.8	1.6	80.0	2.664	Sand/gravel	-5.0	13	13
					2018/10/18	Cloudy	16.8	0.3	14.5	3	Grayish yellowish brown	Faint swamp	0.0	4.1	17.4	27.7	45.4	3.1	0.8	1.0	77.9	2.661	Sand/gravel	-5.0	14	14
					2018/11/8	Cloudy	13.5	0.3	12.7	3	Blackish brown	None	0.0	11.0	29.5	30.6	25.6	1.0	0.4	1.9	75.9	2.741	Sand/gravel	-5.5	9.1	9.1
					2018/12/18	Sunny	4.9	0.4	4.6	3	Blackish brown	Faint algae	0.0	13.8	26.5	25.9	28.4	2.6	1.0	1.9	75.4	2.697	Sand/gravel	-5.7	13	13
	43	Natsui River	Kyudayu Bridge	Iwaki City	2018/5/4	Cloudy	18.8	0.6	16.3	3	Grayish yellowish brown	None	0.0	1.2	5.8	38.1	51.8	1.2	0.1	1.8	76.0	2.672	Sand/gravel	-7.3	13	13
					2018/6/8	Sunny	25.2	0.6	21.8	3	Dull yellowish brown	None	0.0	0.0	0.8	30.8	66.0	0.4	0.0	2.0	72.4	2.630	Sand	-5.4	21	21
					2018/8/22	Sunny	33.4	0.6	28.7	3	Grayish yellowish brown	Faint swamp	0.0	1.1	13.6	47.6	33.7	2.3	0.1	1.7	74.8	2.613	Sand/gravel	-5.7	19	19
					2018/10/17	Cloudy	20.1	0.6	16.2	3	Grayish yellowish brown	None	0.0	1.2	22.9	44.7	25.6	4.1	0.0	1.5	81.0	2.630	Sand/gravel	-4.7	19	19
					2018/11/04	Sunny	16.0	0.6	12.8	3	Grayish yellowish brown	Faint swamp	0.0	2.7	11.3	38.7	36.1	7.1	4.7	2.3	75.3	2.650	Sand/gravel	-6.0	32	32
					2018/12/14	Sunny	7.0	0.6	6.7	3	Grayish yellowish brown	None	0.0	4.1	8.7	30.4	46.4	7.1	0.9	2.5	76.4	2.668	Sand/gravel	-5.3	12	12
	44	Rakujimai Bridge	Iwaki City	Iwaki City	2018/5/5	Sunny	17.3	0.8	13.1	3	Dark grayish yellow	Faint sewage	0.0	0.7	0.6	0.7	18.8	49.4	6.6	5.2	62.7	2.700	Sand/silt	11	130	141
					2018/6/18	Cloudy	19.8	0.6	19.9	3	Dark grayish yellow	Faint sewage	0.0	1.7	2.2	1.8	20.7	60.7	9.3	3.7	69.8	2.655	Sand/silt	12	94	106
					2018/8/1	Sunny	32.6	0.4	21.1	3	Dark grayish yellow	Faint sewage	0.0	1.4	5.1	6.1	20.8	49.3	11.7	7.6	52.1	2.637	Sand/silt	24	140	164
					2018/10/17	Sunny	17.6	0.7	15.9	3	Dark grayish yellow	None	0.0	2.0	5.8	14.4	22.8	40.3	9.8	5.0	74.7	2.626	Sand/silt	6.8	83	89.8
					2018/11/13	Cloudy	15.5	0.7	13.2	3	Dark grayish yellow	Faint sewage	2.0	1.8	2.5	4.8	16.7	33.0	10.7	8.0	64.0	2.663	Sand/silt	14	136	144
					2018/12/11	Cloudy	7.8	0.6	6.8	3	Dark grayish yellow	None	0.0	1.3	3.4	4.7	22.5	38.7	7.1	4.3	68.6	2.692	Sand	-7.0	78	78

# Fukushima River (Sediment/Hamadori Area) 7/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment															Activity concentration (Bq/kg(dry))			Remarks		
No.	Location	Municipality					General items			Grain size distribution(%)							Sediment content (%)		Density (g/cm <sup>3</sup> )	Property	Radioactive cesium						
			Sediment temperature (°C)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay					Cs-134	Cs-137	Total						
R i v e r s	45	Iwamatsuri Bridge	Iwamatsuri	2018/8/2	Cloudy	22.0	0.5	16.4	3.3	3	Dark grayish yellow	Faint swamp	0.0	3.3	8.2	22.4	55.0	2.1	2.1	77.5	2.706	Sand/gravel	-5.0	65	70.0		
				2018/8/8	Sunny	26.1	0.5	21.7	3	Grayish yellowish brown	Faint swamp	0.0	6.0	10.0	28.3	81.9	2.1	0.1	1.7	75.2	2.673	Sand/gravel	-5.0	38	38		
				2018/8/16	Cloudy	28.0	0.5	22.6	3	Grayish yellowish brown	Faint swamp	0.0	9.0	12.9	23.8	38.5	10.9	3.6	1.9	73.2	2.635	Sand/gravel	-6.9	63	63		
				2018/10/15	Cloudy	19.4	0.6	15.0	3	Grayish yellowish brown	Faint swamp	0.0	1.4	11.4	31.7	44.2	7.7	1.5	2.1	75.2	2.633	Sand/gravel	-7.6	67	74.6		
				2018/11/14	Sunny	16.0	0.5	12.3	3	Grayish yellowish brown	Faint swamp	0.0	1.3	15.7	36.0	36.1	6.7	2.1	2.0	77.4	2.656	Sand/gravel	-5.2	58	58		
				2018/12/16	Cloudy	9.0	0.5	4.8	3	Grayish yellowish brown	Faint swamp	0.0	0.8	7.1	25.5	46.8	13.4	1.5	4.9	77.1	2.654	Sand/gravel	-6.0	59	59		
		46	Before the confluence with Natsui River	Iwamatsuri	2018/8/2	Cloudy	22.5	0.4	19.3	3	Brownish gray	Faint algae	0.0	30.0	14.6	10.2	29.2	13.3	0.9	1.8	78.2	2.736	Sand/gravel	-4.2	34	34	
					2018/8/8	Sunny	26.6	0.4	24.3	3	Brownish gray	Faint algae	2.5	23.7	16.1	12.0	29.3	12.7	2.1	1.6	78.6	2.695	Sand/gravel	-5.1	30	30	
					2018/8/14	Cloudy	26.4	0.5	28.2	3	Brownish gray	Faint algae	0.0	8.0	8.1	26.2	47.1	7.3	0.9	2.5	78.6	2.668	Sand/gravel	-5.4	23	23	
					2018/10/17	Cloudy	20.4	0.4	16.7	3	Brownish gray	Faint swamp	0.0	14.8	10.8	10.4	37.6	19.6	4.6	2.2	75.9	2.644	Sand/gravel	-4.7	44	44	
					2018/11/11	Sunny	16.2	0.4	14.7	3	Brownish gray	Faint algae	0.0	17.0	11.8	14.9	38.3	12.4	1.4	4.2	72.6	2.676	Sand/gravel	-5.3	37	37	
					2018/12/13	Sunny	9.5	0.4	8.2	3	Brownish gray	Faint algae	0.0	17.2	12.0	11.1	37.4	18.2	1.4	2.8	75.4	2.689	Sand/gravel	-7.1	41	41	
	47		Shima Bridge	Iwamatsuri	2018/8/4	Cloudy	14.1	0.5	16.3	3	Brownish gray	Faint swamp	0.0	1.6	8.1	27.9	50.6	8.0	1.8	2.7	77.2	2.654	Sand/gravel	-5.8	26	26	
					2018/8/17	Cloudy	19.4	0.3	19.9	3	Brownish gray	Faint swamp	0.0	16.3	19.3	27.1	32.3	2.7	1.0	1.3	77.5	2.626	Sand/gravel	-4.2	21	21	
					2018/8/15	Sunny	31.2	0.3	27.2	3	Brownish gray	Faint swamp	0.0	7.3	11.3	23.7	41.0	13.4	1.4	1.9	78.2	2.627	Sand/gravel	-4.4	15	15	
					2018/10/14	Cloudy	19.2	0.5	18.6	3	Brownish gray	Faint swamp	0.0	2.5	6.1	19.4	57.7	11.6	0.1	2.8	76.0	2.599	Sand/gravel	-4.1	12	12	
					2018/11/18	Sunny	16.2	0.6	14.0	3	Brownish gray	Faint swamp	0.0	2.8	8.4	27.2	53.2	5.7	0.9	3.3	80.1	2.641	Sand/gravel	-4.4	22	22	
					2018/12/16	Cloudy	10.3	0.6	7.8	3	Brownish gray	Faint swamp	0.0	5.1	8.5	14.8	40.8	25.6	1.8	4.5	74.6	2.642	Sand/gravel	-5.6	32	32	
	48	Fujiwara River	Iwamatsuri	2018/5/4	Cloudy	12.4	1.1	16.3	5	Olive black	Faint sewage	0.0	0.0	0.0	0.7	7.5	58.0	24.4	12.4	49.5	2.580	Sand/silt	24	230	254		
				2018/6/17	Cloudy	19.1	1.1	18.7	5	Olive black	Faint sewage	0.0	0.0	0.0	0.4	3.6	44.6	38.6	16.5	48.9	2.534	Sand/silt	24	230	254		
				2018/8/15	Sunny	31.0	1.2	25.7	5	Olive black	Faint sewage	0.0	0.4	0.5	0.3	6.0	45.9	29.7	17.2	48.5	2.550	Sand/silt	21	240	251		
				2018/10/14	Cloudy	19.7	1.3	21.4	5	Olive black	Faint sewage	0.0	2.5	1.8	4.1	20.9	30.8	20.9	12.5	45.7	2.600	Sand/silt	17	200	217		
				2018/11/16	Sunny	15.5	1.6	18.2	5	Black	Faint sewage	0.0	4.4	4.0	6.9	27.0	26.6	21.8	9.3	46.5	2.608	Sand/silt	17	190	207		
				2018/12/16	Sunny	7.3	1.8	14.4	5	Black	Faint sewage	0.0	1.1	0.9	1.2	5.9	37.7	38.1	15.1	39.1	2.573	Sand/silt	23	300	323		
		49	Idouwa Bridge	Iwaki City	2018/5/19	Sunny	22.3	1.4	16.0	3	Blackish brown	Faint swamp	0.0	32.1	38.6	21.5	6.7	0.1	0.0	1.1	86.5	2.722	Gravel/sand	-5.1	24	24	
					2018/6/7	Sunny	26.2	1.4	20.1	3	Blackish brown	Faint algae	0.0	22.3	34.7	26.5	15.1	0.6	0.0	0.8	83.8	2.716	Gravel/sand	-4.8	26	26	
					2018/8/19	Sunny	26.6	1.3	22.2	3	Grayish olive	Faint algae	0.0	29.2	34.4	24.3	10.1	0.6	0.6	0.8	82.3	2.707	Gravel/sand	-5.2	25	25	
					2018/10/19	Cloudy	17.0	1.3	15.9	3	Blackish brown	Faint algae	0.0	27.0	40.9	23.2	7.5	0.4	0.3	0.6	91.2	2.724	Gravel/sand	-4.7	14	14	
					2018/11/18	Sunny	16.4	1.3	12.5	3	Blackish brown	Faint algae	0.0	24.9	41.9	23.4	8.2	0.2	0.0	1.3	91.0	2.761	Gravel/sand	-4.0	15	15	
					2018/12/8	Cloudy	8.5	1.3	9.8	3	Blackish brown	Faint algae	0.0	21.0	37.9	26.4	13.2	0.3	0.0	1.2	85.3	2.766	Gravel/sand	-4.1	14	14	
	50	Saneogawa River	Saneogawa	2018/5/6	Sunny	25.2	0.3	17.3	3	Dark grayish yellow	Faint swamp	0.0	0.1	0.1	0.3	28.8	61.3	6.6	2.9	70.2	2.747	Sand	-5.5	30	30		
				2018/6/9	Cloudy	26.8	0.4	22.5	3	Dark grayish yellow	Faint seaweed	0.0	0.0	0.2	0.4	14.9	70.4	8.8	5.4	63.5	2.713	Sand/silt	-6.3	67	67		
				2018/8/2	Sunny	31.6	0.4	27.4	3	Yellowish gray	Faint sewage	0.0	0.5	1.0	1.2	24.3	63.1	4.3	5.8	71.7	2.728	Sand/silt	-5.4	44	44		
				2018/10/12	Cloudy	18.8	0.4	18.7	3	Yellowish gray	Faint sewage	0.0	0.2	0.1	27.0	62.9	8.9	4.0	71.1	2.722	Sand	-6.2	55	55			
				2018/11/12	Cloudy	15.1	0.4	14.9	3	Yellowish gray	Faint seaweed	0.0	0.4	0.9	1.0	25.2	61.7	6.0	4.9	71.3	2.741	Sand/silt	-6.7	58	58		
				2018/12/8	Cloudy	8.9	0.5	18.2	3	Dark grayish yellow	None	0.0	2.8	2.5	2.0	27.2	59.9	1.9	3.7	74.4	2.760	Sand	-7.8	37	37		
		51	Shiki River	Komuro	2018/5/19	Sunny	17.4	0.5	14.7	3	Dark grayish yellow	Faint swamp	0.0	0.1	7.8	35.8	50.9	2.7	0.6	2.1	75.5	2.702	Sand/gravel	-5.7	20	20	
					2018/6/7	Sunny	25.8	0.5	16.8	3	Dark grayish yellow	None	0.0	0.6	5.5	18.5	66.8	5.9	1.0	1.9	73.0	2.694	Sand/gravel	-6.3	28	28	
					2018/8/19	Sunny	23.4	0.5	15.8	3	Dark grayish yellow	None	0.0	0.9	5.2	18.0	68.7	4.4	0.9	1.4	73.9	2.677	Sand/gravel	-5.7	15	15	
					2018/10/19	Cloudy	13.8	0.5	12.4	3	Dark grayish yellow	None	0.0	0.0	0.3	8.7	83.2	5.7	0.0	2.0	71.1	2.715	Sand	-5.4	31	31	
					2018/11/18	Sunny	14.5	0.5	11.2	3	Dark grayish yellow	None	0.0	0.0	1.9	21.7	64.8	8.7	1.0	1.9	75.2	2.746	Sand	-4.8	30	30	
					2018/12/8	Cloudy	5.6	0.4	8.8	3	Dark grayish yellow	None	0.0	0.0	0.0	4.9	79.2	10.9	3.0	1.9	79.3	2.728	Sand	-5.3	31	31	
	52	Banda River	Kobana	2018/5/19	Sunny	22.4	0.4	21.1	3	Grayish yellowish brown	Faint swamp	0.0	31.0	29.2	24.4	13.4	0.8	0.5	0.8	78.9	2.684	Sand/gravel	-4.5	32	32		
				2018/6/9	Cloudy	26.3	0.3	21.9	3	Grayish yellowish brown	Faint swamp	0.0	14.1	18.6	20.2	38.3	3.9	3.4	1.4	72.3	2.626	Sand/gravel	-6.4	73	79.6		
				2018/8/19	Sunny	23.3	0.4	19.1	3	Brownish gray	Faint swamp	2.1	11.2	15.4	22.8	42.7	1.8	0.8	1.4	79.4	2.676	Sand/gravel	-5.1	38	38		
				2018/10/14	Cloudy	20.0	0.3	15.8	3	Grayish yellowish brown	Faint swamp	0.0	9.7	20.7	35.0	29.9	1.2	1.5	2.1	75.6	2.682	Sand/gravel	-5.7	33	33		
				2018/11/18	Sunny	12.4	0.3	12.2	3	Grayish yellowish brown	None	0.0	21.1	19.0	22.2	33.4	2.3	0.2	1.8	79.9	2.728	Sand/gravel	-4.7	35	35		
				2018/12/8	Cloudy	8.9	0.4	10.4	3	Grayish yellowish brown	None	0.0	25.8	25.3	23.7	20.9	1.9	1.0	1.4	81.9	2.720	Sand/gravel	-5.3	34	34		



# Fukushima River (Sediment/Hamadori Area) 8/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks
	No.	Location	Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution (%)							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Activity concentration (Bq/kg(dry))			
												Course gravel	Medium gravel	Fine gravel	Course sand	Medium sand	Fine sand	Silt				Clay	Cs-134	Cs-137	
53	Banda River	Banda Bridge	Iwaki City	2018/5/6	Sunny	21.1	0.0	20.2	5	Black	Faint sewage	0.0	0.3	1.2	2.2	62.8	25.8	2.0	5.8	74.2	2.685	Sand/silt	<6.0	48	48
				2018/6/17	Cloudy	19.0	1.1	16.7	5	Black	Faint sewage	0.0	0.6	1.1	3.2	67.8	22.1	3.0	2.4	74.0	2.665	Sand	<5.7	41	41
				2018/8/15	Sunny	30.1	1.1	23.9	5	Black	Faint sewage	0.0	5.0	5.1	7.2	59.8	15.3	3.1	4.5	69.5	2.671	Sand	<6.7	61	61
				2018/10/14	Cloudy	18.2	1.4	20.2	5	Black	Faint sewage	0.0	1.3	1.2	1.4	61.6	21.8	4.9	5.8	72.0	2.687	Sand/silt	5.9	71	76.8
				2018/11/18	Cloudy	19.0	1.1	14.7	5	Black	Faint sewage	0.0	4.6	5.5	7.7	61.0	18.1	2.3	4.8	76.0	2.674	Sand/silt	<5.7	38	38
				2018/12/16	Sunny	1.6	1.3	9.1	5	Black	Faint sewage	0.0	1.7	3.3	4.7	66.7	17.1	1.6	5.0	74.2	2.675	Sand/silt	<6.9	46	46

# Fukushima River (Surrounding Environment/Hamadori Area) 1/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)											Remarks			
No.	Location		Municipality				Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (µSv/h)		
										Radioactive cesium						Radioactive cesium					
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total										
R i v e r s	1	Jizogawa River	Hamahata Bridge	Shinchi Town	2018/5/3	Cloudy	18.3	Dull yellowish brown	Faint earth	Loamy	65	530	595	0.09	Dull yellowish brown	Faint earth	Loamy	<7.7	30	30	0.05
					2018/6/13	Sunny	23.1	Grayish yellowish brown	Faint earth	Loamy	100	980	1,080	0.07	Dull yellowish brown	Faint earth	Loamy	<5.9	38	38	0.05
					2018/8/6	Rain	22.1	Grayish yellowish brown	Faint earth	Loamy	51	530	581	0.07	Dull yellowish brown	Faint earth	Loamy	<6.4	36	36	0.05
					2018/10/6	Cloudy	21.0	Grayish yellowish brown	None	Sandy	76	840	916	0.11	Brown	Faint earth	Loamy	<4.9	24	24	0.06
					2018/11/10	Cloudy	17.9	Grayish yellowish brown	None	Loamy	37	480	517	0.10	Dull yellowish brown	Faint earth	Loamy	<6.8	39	39	0.06
					2018/12/5	Sunny	15.0	Brownish gray	Faint earth	Loamy	120	1,400	1,520	0.08	Dull yellowish brown	Faint earth	Loamy	<5.1	17	17	0.05
	2	Koizumi River	Koizumi Bridge	Soma City	2018/5/14	Sunny	24.6	Dark brown	Faint earth	Loamy	62	570	632	0.07	Dark brown	Faint earth	Loamy	73	800	873	0.09
					2018/6/13	Sunny	24.7	Dark brown	Faint earth	Loamy	64	640	704	0.07	Dark brown	Faint earth	Loamy	73	830	903	0.08
					2018/8/6	Cloudy	22.8	Dark brown	Faint earth	Loamy	68	660	728	0.06	Dark brown	Faint earth	Loamy	140	1,200	1,340	0.07
					2018/10/4	Sunny	23.6	Dark brown	Faint earth	Loamy	60	700	760	0.10	Dark brown	Faint earth	Loamy	150	1,500	1,650	0.12
					2018/11/10	Cloudy	16.8	Dark brown	Faint earth	Loamy	53	650	703	0.09	Blackish brown	Faint earth	Loamy	94	1,200	1,294	0.09
					2018/12/14	Sunny	8.6	Dark brown	Faint earth	Loamy	51	560	611	0.11	Dark brown	Faint earth	Loamy	39	490	529	0.10
	3	Koizumi River	Hyakken Bridge	Soma City	2018/5/3	Rain	20.7	Grayish yellowish brown	Faint earth	Loamy	59	640	699	0.10	Dark brown	Faint earth	Loamy	110	1,100	1,210	0.12
					2018/6/1	Sunny	20.5	Dull yellowish brown	Faint earth	Loamy	140	1,400	1,540	0.06	Dark brown	Faint earth	Loamy	190	2,100	2,290	0.09
					2018/8/13	Cloudy	29.1	Dark brown	Faint earth	Loamy	82	880	962	0.10	Dark brown	Faint earth	Loamy	96	1,000	1,096	0.10
					2018/10/6	Cloudy	21.9	Dark brown	Faint earth	Loamy	140	1,500	1,640	0.12	Dark brown	Faint earth	Loamy	160	1,800	1,960	0.16
					2018/11/5	Cloudy	16.7	Dark brown	Faint earth	Loamy	29	360	389	0.13	Dark brown	Faint earth	Loamy	180	2,200	2,380	0.12
					2018/12/5	Cloudy	15.0	Dark brown	Faint earth	Loamy	50	610	660	0.09	Dark brown	Faint earth	Loamy	75	950	1,025	0.11
	4	Udagawa River	Horisaka Bridge	Soma City	2018/5/3	Cloudy	22.5	Blackish brown	Faint earth	Loamy	100	970	1,070	0.10	Grayish yellowish brown	None	Sandy	51	380	431	0.16
					2018/6/6	Cloudy	20.5	Brownish gray	Faint earth	Loamy	170	1,600	1,770	0.10	Grayish yellowish brown	Faint earth	Sandy	79	700	779	0.14
					2018/8/6	Cloudy	22.3	Blackish brown	Faint earth	Loamy	140	1,500	1,640	0.08	Grayish yellowish brown	None	Sandy	57	550	607	0.16
					2018/10/4	Sunny	23.6	Dark brown	Faint earth	Loamy	160	1,700	1,860	0.10	Dull yellowish brown	Faint earth	Sandy	50	630	680	0.17
					2018/11/5	Cloudy	17.5	Dark brown	Faint earth	Loamy	99	1,200	1,299	0.10	Grayish yellowish brown	Faint earth	Sandy	52	560	612	0.15
					2018/12/14	Sunny	5.4	Blackish brown	Faint earth	Loamy	81	970	1,051	0.12	Grayish yellowish brown	None	Sandy	40	500	540	0.17
5	Udagawa River	Hyakken Bridge	Soma City	2018/5/3	Cloudy	21.2	Blackish brown	Faint earth	Loamy	69	640	709	0.10	Dark brown	Faint earth	Loamy	130	1,400	1,530	0.11	
				2018/6/1	Sunny	24.4	Dull yellowish brown	Faint earth	Loamy	79	690	769	0.08	Dark brown	Faint earth	Loamy	140	1,500	1,640	0.08	
				2018/8/13	Cloudy	28.7	Blackish brown	Faint earth	Loamy	52	560	612	0.08	Dark brown	Faint earth	Loamy	85	820	905	0.09	
				2018/10/6	Cloudy	20.5	Dark brown	Faint earth	Loamy	59	600	659	0.13	Dark brown	Faint earth	Loamy	100	1,100	1,200	0.12	
				2018/11/5	Cloudy	16.8	Dark brown	Faint earth	Loamy	87	1,100	1,187	0.09	Dark brown	Faint earth	Loamy	110	1,100	1,210	0.12	
				2018/12/5	Cloudy	14.4	Dark brown	Faint earth	Loamy	54	680	734	0.09	Dark brown	Faint earth	Loamy	85	1,100	1,185	0.12	
6	Mano River	Ochiai Bridge	Minamisoma City	2018/5/2	Cloudy	19.2	Dull yellowish brown	Faint earth	Loamy	130	1,300	1,430	0.19	Dark brown	Faint earth	Loamy	220	2,100	2,320	0.30	
				2018/6/18	Cloudy	35.2	Brown	Faint earth	Loamy	140	1,300	1,440	0.15	Brown	Faint earth	Loamy	250	2,500	2,750	0.23	
				2018/8/13	Sunny	29.6	Dark brown	Faint earth	Loamy	150	1,500	1,650	0.16	Dark brown	Faint earth	Loamy	160	1,700	1,860	0.23	
				2018/10/16	Cloudy	21.1	Dull yellowish brown	Faint earth	Loamy	73	710	783	0.22	Dark brown	Faint earth	Loamy	210	2,200	2,410	0.31	
				2018/11/12	Sunny	18.5	Dull yellowish brown	Faint earth	Loamy	100	1,300	1,400	0.17	Dark brown	Faint earth	Loamy	170	2,000	2,170	0.28	
				2018/12/14	Sunny	6.9	Dark brown	Faint earth	Loamy	120	1,400	1,520	0.19	Dark brown	Faint earth	Loamy	150	1,800	1,950	0.29	
7	Mano River	Majima Bridge	Minamisoma City	2018/5/2	Cloudy	17.5	Brown	Faint earth	Loamy	<5.7	21	21	0.06	Dull yellowish brown	None	Sandy	<5.3	45	45	0.06	
				2018/6/1	Sunny	22.0	Dull yellowish brown	Faint earth	Loamy	<6.4	18	18	0.09	Dull yellowish brown	None	Sandy	<5.8	46	46	0.06	
				2018/8/13	Cloudy	27.7	Dull yellowish brown	Faint earth	Loamy	<6.0	24	24	0.05	Grayish yellowish brown	None	Sandy	<7.4	51	51	0.06	
				2018/10/6	Cloudy	19.9	Dark brown	Faint earth	Loamy	<6.1	28	28	0.07	Grayish yellowish brown	None	Sandy	<5.8	50	50	0.07	
				2018/11/6	Cloudy	16.1	Dull yellowish brown	Faint earth	Loamy	<11	27	27	0.07	Grayish yellowish brown	None	Sandy	5.3	55	60.3	0.07	
				2018/12/3	Cloudy	11.2	Dull yellowish brown	Faint earth	Loamy	<8.0	22	22	0.06	Dull yellowish brown	Faint earth	Sandy	<7.3	68	68	0.06	
8	Niida River	Kusano	Iitate Village	2018/5/8	Rain	8.5	Grayish yellowish brown	Faint earth	Loamy	58	580	638	0.24	Grayish yellowish brown	Faint earth	Loamy	1,100	9,900	11,000	0.71	
				2018/6/7	Sunny	26.9	Grayish yellowish brown	Faint earth	Loamy	76	760	836	0.30	Grayish yellowish brown	Faint earth	Loamy	1,200	11,000	12,200	0.70	
				2018/8/23	Sunny	32.9	Grayish yellowish brown	Faint earth	Loamy	69	660	729	0.31	Grayish yellowish brown	Faint earth	Loamy	1,600	16,000	17,600	0.81	
				2018/10/9	Cloudy	19.2	Dark brown	Faint earth	Loamy	50	590	640	0.33	Dark brown	Faint earth	Loamy	1,100	11,000	12,100	0.95	
				2018/11/18	Sunny	11.2	Dark brown	Faint earth	Loamy	61	750	811	0.30	Dark brown	Faint earth	Loamy	2,000	21,000	23,000	0.99	
				2018/12/13	Sunny	4.8	Blackish brown	Faint earth	Loamy	46	500	546	0.24	Blackish brown	Faint earth	Loamy	920	10,000	10,920	0.57	

# Fukushima River (Surrounding Environment/Hamadori Area) 2/8

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)														Remarks	
No.	Location					Municipality	Left bank							Right bank							
	Color	Odor					Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)			
								Radioactive cesium							Radioactive cesium						
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total										
R i v e r s	9	Komiya	Iitate Village	2018/5/8	Rain	10.2	Dark brown	Faint earth	Loamy	760	7,400	8,160	0.42	Dark brown	Faint earth	Loamy	1,300	12,000	13,300	0.92	
				2018/6/7	Sunny	24.2	Brown	Faint earth	Loamy	350	3,600	3,950	0.51	Grayish yellowish brown	Faint earth	Loamy	3,200	30,000	33,200	0.89	
				2018/8/23	Sunny	32.2	Dull yellowish brown	Faint earth	Loamy	320	2,800	3,120	0.55	Grayish yellowish brown	Faint earth	Loamy	2,700	27,000	29,700	1.09	
				2018/10/9	Sunny	16.8	Dull yellowish brown	Faint earth	Loamy	15	160	175	0.64	Dark brown	Faint earth	Loamy	2,000	20,000	22,000	1.22	
				2018/11/18	Sunny	10.3	Dull yellowish brown	Faint earth	Loamy	34	360	394	0.59	Dark brown	Faint earth	Loamy	1,200	13,000	14,200	1.16	
				2018/12/13	Sunny	0.4	Blackish brown	Faint earth	Loamy	500	5,100	5,600	0.36	Blackish brown	Faint earth	Loamy	690	7,400	8,090	0.57	
				2018/5/2	Cloudy	21.3	Dull yellowish brown	Faint earth	Loamy	610	5,600	6,210	0.35	Dull yellowish brown	Faint earth	Loamy	360	3,400	3,760	0.38	
				2018/6/18	Cloudy	24.1	Dark brown	Faint earth	Loamy	820	7,500	8,320	0.26	Dull yellowish brown	Faint earth	Loamy	270	2,500	2,770	0.26	
				2018/8/16	Cloudy	24.4	Dark brown	Faint earth	Loamy	310	3,400	3,710	0.24	Dark brown	Faint earth	Loamy	250	2,300	2,550	0.28	
				2018/10/4	Cloudy	23.4	Dark brown	Faint earth	Loamy	500	5,700	6,200	0.34	Dark brown	Faint earth	Loamy	440	4,600	5,040	0.30	
	10	Nida River	Kidouchi Bridge	Minamisoma City	2018/11/6	Cloudy	16.1	Dark brown	Faint earth	Loamy	630	7,100	7,730	0.37	Dark brown	Faint earth	Loamy	320	3,600	3,920	0.27
					2018/12/3	Cloudy	13.3	Grayish yellowish brown	Faint earth	Loamy	570	6,500	7,070	0.35	Dark brown	Faint earth	Loamy	210	2,500	2,710	0.33
					2018/5/2	Cloudy	20.2	Brown	Faint earth	Loamy	15	120	135	0.11	Dark brown	Faint earth	Loamy	8.3	71	79.3	0.10
					2018/6/1	Sunny	21.4	Dull yellowish brown	Faint earth	Loamy	11	110	121	0.09	Dark brown	Faint earth	Loamy	13	91	104	0.09
					2018/8/13	Cloudy	26.6	Dark brown	Faint earth	Loamy	8.7	83	91.7	0.09	Dark brown	Faint earth	Loamy	<8.5	58	58	0.10
					2018/10/10	Sunny	23.6	Dark brown	Faint earth	Loamy	15	130	145	0.12	Dark brown	Faint earth	Loamy	12	130	142	0.13
					2018/11/6	Cloudy	16.1	Dull yellowish brown	Faint earth	Loamy	<10	73	73	0.11	Dark brown	Faint earth	Loamy	12	130	142	0.11
					2018/12/3	Cloudy	10.7	Dark brown	Faint earth	Loamy	<8.5	99	99	0.09	Dark brown	Faint earth	Loamy	11	130	141	0.10
					2018/5/11	Sunny	15.0	Dark brown	Faint earth	Loamy	850	8,000	8,850	0.44	Brown	Faint earth	Loamy	350	3,400	3,750	0.58
					2018/6/4	Sunny	20.8	Dark brown	Faint earth	Loamy	700	6,400	7,100	0.45	Brown	Faint earth	Loamy	430	4,100	4,530	0.67
	12	Ishiwatado Bridge	Minamisoma City	Minamisoma City	2018/8/21	Sunny	28.2	Grayish yellowish brown	Faint earth	Loamy	630	6,500	7,130	0.51	Brown	Faint earth	Loamy	320	3,500	3,820	0.64
					2018/10/15	Cloudy	18.3	Dark brown	Faint earth	Loamy	830	7,700	8,530	0.61	Dark brown	Faint earth	Loamy	660	6,800	7,460	0.64
					2018/11/13	Cloudy	13.5	Dark brown	Faint earth	Loamy	590	7,000	7,590	0.54	Dull yellowish brown	Faint earth	Loamy	220	2,600	2,820	0.74
					2018/12/4	Sunny	17.5	Dull dark brown	Faint earth	Loamy	770	9,100	9,870	0.56	Dull yellowish brown	Faint earth	Loamy	390	4,600	4,990	0.66
					2018/5/28	Sunny	25.3	Dark brown	Faint earth	Loamy	240	2,600	2,840	0.20	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.16
					2018/6/19	Cloudy	22.0	Dark brown	Faint earth	Loamy	330	3,400	3,730	0.20	Dark brown	Faint earth	Loamy	280	2,800	3,080	0.16
					2018/8/8	Rain	19.6	Dark brown	Faint earth	Loamy	310	3,000	3,310	0.25	Dark brown	Faint earth	Loamy	230	2,300	2,530	0.18
					2018/10/3	Sunny	24.5	Dark brown	Faint earth	Loamy	310	3,500	3,810	0.30	Dark brown	Faint earth	Loamy	230	2,700	2,930	0.21
					2018/11/15	Sunny	8.4	Dark brown	Faint earth	Loamy	350	3,900	4,250	0.30	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.22
					2018/12/16	Cloudy	10.4	Dark brown	Faint earth	Loamy	240	2,600	2,840	0.28	Dark brown	Faint earth	Loamy	180	2,000	2,180	0.20
13	Yagawara Bridge	Minamisoma City	Minamisoma City	2018/5/29	Sunny	26.4	Dull yellowish brown	Faint earth	Loamy	13	110	123	0.11	Dark brown	Faint earth	Loamy	140	1,400	1,540	0.13	
				2018/6/20	Cloudy	19.5	Dull yellowish brown	Faint earth	Loamy	7.7	97	104.7	0.12	Dark brown	Faint earth	Loamy	170	1,800	1,970	0.15	
				2018/8/27	Rain	25.4	Brown	Faint earth	Loamy	13	110	123	0.11	Dark brown	Faint earth	Loamy	120	1,200	1,320	0.14	
				2018/10/20	Cloudy	16.0	Dull yellowish brown	Faint earth	Loamy	16	160	176	0.14	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.17	
				2018/11/13	Sunny	15.8	Brown	Faint earth	Loamy	7.7	72	79.7	0.14	Dark brown	Faint earth	Loamy	130	1,600	1,730	0.18	
				2018/12/7	Cloudy	7.4	Brown	Faint earth	Loamy	12	140	152	0.13	Dark brown	Faint earth	Loamy	78	1,000	1,078	0.15	
				2018/5/29	Sunny	25.2	Grayish yellowish brown	Faint earth	Loamy	17	140	157	0.10	Grayish yellowish brown	Faint earth	Loamy	130	1,400	1,530	0.10	
				2018/6/20	Cloudy	19.3	Dark brown	Faint earth	Loamy	14	120	134	0.10	Dark brown	Faint earth	Loamy	140	1,600	1,740	0.12	
				2018/8/27	Rain	25.5	Dark brown	Faint earth	Loamy	15	160	175	0.11	Dark brown	Faint earth	Loamy	68	780	848	0.11	
				2018/10/20	Cloudy	15.6	Dark brown	Faint earth	Loamy	12	150	162	0.11	Dark brown	Faint earth	Loamy	66	740	806	0.15	
15	JR Tetsudo Bridge	Minamisoma City	Minamisoma City	2018/11/13	Sunny	15.8	Dark brown	Faint earth	Loamy	10	130	140	0.11	Dark brown	Faint earth	Loamy	52	630	682	0.14	
				2018/12/7	Cloudy	8.2	Dark brown	Faint earth	Loamy	18	190	208	0.11	Dark brown	Faint earth	Loamy	68	870	938	0.12	

# Fukushima River (Surrounding Environment/Hamadori Area) 3/8

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)											Remarks				
No.	Location	Municipality				Left bank				Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Right bank				Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)
						Color	Odor	Property	Radioactive cesium			Color		Odor	Property	Radioactive cesium					
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total	Cs-134	Cs-137	Total										
R i v e r s	16	Ota River	Maruyama Bridge	Minamisoma City	2018/5/5	Cloudy	11.1	Brown	Faint earth	Loamy	10	96	106	0.05	Dark brown	Faint earth	Loamy	<7.0	24	24	0.10
					2018/6/3	Cloudy	19.0	Dull yellowish brown	Faint earth	Loamy	13	100	113	0.05	Grayish yellowish brown	Faint earth	Loamy	<6.1	29	29	0.07
					2018/8/12	Cloudy	25.5	Brown	Faint earth	Loamy	<7.8	80	80	0.06	Dark brown	Faint earth	Loamy	<6.5	35	35	0.07
					2018/10/18	Sunny	13.5	Grayish yellowish brown	Faint earth	Loamy	8.1	74	82.1	0.08	Dark brown	Faint earth	Loamy	<8.6	60	60	0.09
					2018/11/11	Sunny	13.2	Dull yellowish brown	Faint earth	Loamy	<3.8	74	74	0.07	Grayish yellowish brown	Faint earth	Loamy	<8.2	58	58	0.10
					2018/12/2	Sunny	4.2	Brown	Faint earth	Loamy	7.4	90	97.4	0.06	Dark brown	Faint earth	Loamy	<6.8	47	47	0.08
	17	Shimokawara Bridge	Minamisoma City	2018/5/17	Cloudy	20.8	Grayish yellowish brown	Faint earth	Loamy	1,100	9,800	10,900	0.62	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.25	
				2018/6/18	Cloudy	21.7	Dark brown	Faint earth	Loamy	830	8,100	8,930	0.64	Dark brown	Faint earth	Loamy	290	3,000	3,290	0.27	
				2018/8/20	Sunny	27.9	Dark brown	Faint earth	Loamy	600	6,400	7,000	0.64	Dark brown	Faint earth	Loamy	300	3,300	3,600	0.31	
				2018/10/3	Sunny	23.0	Dark brown	Faint earth	Loamy	800	8,200	9,000	0.72	Dark brown	Faint earth	Loamy	320	3,900	4,220	0.33	
				2018/11/11	Sunny	21.2	Dark brown	Faint earth	Loamy	560	5,900	6,460	0.70	Dark brown	Faint earth	Loamy	320	3,700	4,020	0.30	
				2018/12/8	Sunny	6.1	Dark brown	Faint earth	Loamy	590	6,300	6,890	0.73	Dark brown	Faint earth	Loamy	210	2,600	2,810	0.33	
	18	Odaka River	Zenkoji Bridge	Minamisoma City	2018/5/19	Cloudy	16.0	Dark brown	Faint earth	Loamy	62	630	692	0.12	Dark brown	Faint earth	Loamy	210	2,000	2,210	0.17
					2018/6/17	Cloudy	18.6	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.08	Blackish brown	Faint earth	Loamy	160	1,800	1,960	0.12
					2018/8/20	Sunny	29.7	Grayish yellowish brown	Faint earth	Loamy	59	700	759	0.11	Dark brown	Faint earth	Loamy	220	2,300	2,520	0.16
					2018/10/2	Sunny	24.5	Dark brown	Faint earth	Loamy	43	510	553	0.10	Blackish brown	Faint earth	Loamy	180	2,000	2,180	0.20
					2018/11/11	Sunny	20.2	Dark brown	Faint earth	Loamy	49	480	529	0.11	Dark brown	Faint earth	Loamy	130	1,400	1,530	0.17
					2018/12/9	Sunny	5.5	Dark brown	Faint earth	Loamy	44	490	534	0.10	Dark brown	Faint earth	Loamy	130	1,700	1,830	0.17
	19	Hatsukara Bridge	Minamisoma City	2018/5/5	Sunny	17.4	Brownish gray	None	Sandy	<3.8	5.5	5.5	0.05	Brownish gray	None	Sandy	<7.2	39	39	0.04	
				2018/6/3	Cloudy	19.6	Brownish gray	None	Sandy	<4.7	7.7	7.7	0.05	Grayish yellowish brown	None	Sandy	<7.4	46	46	0.06	
				2018/8/12	Cloudy	26.8	Brownish gray	None	Sandy	<4.7	7.5	7.5	0.05	Brownish gray	None	Sandy	<5.5	12	12	0.05	
				2018/10/7	Sunny	29.9	Brownish gray	None	Sandy	<4.4	12	12	0.07	Brownish gray	None	Sandy	<4.9	13	13	0.05	
				2018/11/11	Sunny	17.0	Brownish gray	None	Sandy	<6.0	7.6	7.6	0.07	Brownish gray	None	Sandy	<8.0	14	14	0.06	
				2018/12/2	Sunny	10.9	Grayish yellowish brown	None	Sandy	<4.7	13	13	0.06	Grayish yellowish brown	None	Sandy	<4.7	27	27	0.06	
	20	Murohara Bridge	Namic Town	2018/5/16	Sunny	31.8	Dark brown	Faint earth	Loamy	7,300	70,000	77,300	2.23	Dark brown	Faint earth	Loamy	3,400	33,000	36,400	1.88	
				2018/6/9	Cloudy	27.3	Grayish yellowish brown	Faint earth	Loamy	6,800	67,000	73,800	2.27	Dark brown	Faint earth	Loamy	3,900	39,000	42,900	1.91	
				2018/7/10	Cloudy	29.4	Dark brown	Faint earth	Loamy	6,900	67,000	73,900	2.94	Dark brown	Faint earth	Loamy	4,100	39,000	43,100	2.40	
				2018/8/18	Sunny	25.7	Dark brown	Faint earth	Loamy	6,100	62,000	68,100	2.71	Blackish brown	Faint earth	Loamy	2,900	30,000	32,900	2.36	
				2018/9/10	Rain	20.4	Blackish brown	Faint earth	Loamy	10,000	110,000	120,000	2.77	Blackish brown	Faint earth	Loamy	2,900	30,000	32,900	2.24	
				2018/10/13	Cloudy	18.2	Dark brown	Faint earth	Loamy	11,000	110,000	121,000	2.98	Blackish brown	Faint earth	Loamy	4,500	47,000	51,500	2.08	
2018/11/15				Sunny	15.9	Dark brown	Faint earth	Loamy	8,900	88,000	96,900	2.99	Dark brown	Faint earth	Loamy	2,500	27,000	29,500	2.22		
2018/12/15				Cloudy	5.0	Dark brown	Faint earth	Loamy	7,200	81,000	88,200	2.88	Blackish brown	Faint earth	Loamy	2,800	31,000	33,800	2.30		
2019/1/18				Sunny	4.5	Dark brown	Faint earth	Loamy	4,500	53,000	57,500	3.08	Dark brown	Faint earth	Loamy	2,600	32,000	34,600	2.46		
2019/2/12				Sunny	5.5	Blackish brown	Faint earth	Loamy	6,400	73,000	79,400	2.85	Blackish brown	Faint earth	Loamy	1,400	17,000	18,400	2.45		
2018/5/5				Cloudy	20.3	Dark brown	Faint earth	Loamy	81	670	751	0.15	Dark brown	Faint earth	Loamy	930	9,000	9,930	0.19		
2018/6/3				Cloudy	21.4	Grayish yellowish brown	Faint earth	Loamy	110	1,200	1,310	0.10	Dark brown	Faint earth	Loamy	160	1,700	1,860	0.15		
2018/7/5				Cloudy	28.9	Grayish yellowish brown	Faint earth	Loamy	98	1,000	1,098	0.15	Dark brown	Faint earth	Loamy	100	1,200	1,300	0.16		
2018/8/12				Cloudy	25.2	Dark brown	Faint earth	Loamy	100	1,000	1,100	0.13	Dark brown	Faint earth	Loamy	160	1,600	1,760	0.11		
21	Ukedo Bridge	Namic Town	2018/9/10	Rain	19.8	Dull yellowish brown	Faint earth	Clay-loamy	39	460	499	0.14	Grayish yellowish brown	Faint earth	Loamy	390	4,400	4,790	0.15		
			2018/10/5	Cloudy	22.7	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.20	Dark brown	Faint earth	Loamy	250	2,800	3,050	0.18		
			2018/11/7	Sunny	19.2	Dark brown	Faint earth	Loamy	150	1,500	1,650	0.17	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.16		
			2018/12/2	Sunny	11.9	Grayish yellowish brown	Faint earth	Loamy	94	1,100	1,194	0.16	Dark brown	Faint earth	Loamy	120	1,400	1,520	0.17		
			2019/1/16	Cloudy	5.9	Dull yellowish brown	Faint earth	Loamy	90	1,200	1,290	0.13	Dark brown	Faint earth	Loamy	160	2,000	2,160	0.13		
			2019/2/11	Cloudy	5.6	Dark brown	Faint earth	Loamy	75	960	1,035	0.15	Dark brown	Faint earth	Loamy	40	470	510	0.18		

# Fukushima River (Surrounding Environment/Hamadori Area) 4/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)											Remarks			
							Left bank				Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Right bank				Activity concentration [Bq/kg(dry)]		
No.	Location		Municipality	Color	Odor	Property	Radioactive cesium			Color	Odor	Property	Radioactive cesium			Color	Odor	Property			
							Cs-134	Cs-137	Total				Cs-134	Cs-137	Total				Cs-134	Cs-137	Total
R i v e r s	22	Furumichi River	Before the confluence with Takase River (Miyakoji-machi furumichishitadaira)	Tamura City	2018/5/1	Sunny	26.4	Dull yellowish brown	Faint earth	Loamy	110	990	1,100	0.25	Dark brown	Faint earth	Loamy	100	1,000	1,100	0.26
					2018/6/2	Sunny	26.1	Grayish yellowish brown	Faint earth	Sandy	120	1,200	1,320	0.15	Blackish brown	Faint earth	Loamy	96	1,000	1,096	0.16
					2018/8/7	Rain	19.5	Grayish yellowish brown	Faint earth	Loamy	74	780	854	0.17	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.19
					2018/10/5	Cloudy	21.8	Grayish yellowish brown	Faint earth	Sandy	94	1,000	1,094	0.15	Blackish brown	Faint earth	Loamy	130	1,600	1,730	0.16
					2018/11/8	Cloudy	13.4	Grayish yellowish brown	Faint earth	Loamy	63	750	813	0.24	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.25
					2018/12/15	Cloudy	0.0	Dull yellowish brown	Faint earth	Loamy	43	530	573	0.14	Blackish brown	Faint earth	Loamy	180	2,200	2,380	0.15
					2018/5/6	Sunny	17.0	Dark brown	Faint earth	Loamy	180	1,800	1,980	0.20	Dark brown	Faint earth	Loamy	210	2,000	2,210	0.22
					2018/6/3	Sunny	21.0	Dull yellowish brown	Faint earth	Loamy	190	1,900	2,090	0.15	Dull yellowish brown	Faint earth	Clay-loamy	200	2,000	2,200	0.17
	23	Takase River	Keio Bridge	Nami Town	2018/8/12	Sunny	27.1	Dark brown	Faint earth	Loamy	260	3,000	3,260	0.17	Dark brown	Faint earth	Loamy	250	2,700	2,950	0.19
					2018/10/2	Sunny	24.8	Dark brown	Faint earth	Loamy	110	1,300	1,410	0.22	Dark brown	Faint earth	Loamy	200	2,400	2,600	0.23
					2018/11/8	Cloudy	14.0	Dark brown	Faint earth	Loamy	92	1,000	1,092	0.19	Dark brown	Faint earth	Loamy	160	1,800	1,960	0.24
					2018/12/2	Sunny	11.1	Brown	Faint earth	Loamy	30	320	350	0.14	Dark brown	Faint earth	Loamy	240	2,800	3,040	0.21
					2018/5/28	Cloudy	24.0	Dull yellowish brown	Faint earth	Loamy	3,300	36,000	39,300	2.32	Dark brown	Faint earth	Loamy	5,500	62,000	67,500	2.33
					2018/6/17	Cloudy	19.8	Dark brown	Faint earth	Loamy	4,000	42,000	46,000	1.71	Dark brown	Faint earth	Loamy	5,400	59,000	64,400	2.35
					2018/8/24	Cloudy	29.8	Dark brown	Faint earth	Loamy	7,100	79,000	86,100	2.23	Dark brown	Faint earth	Loamy	4,300	46,000	50,300	2.28
					2018/10/17	Cloudy	15.9	Dark brown	Faint earth	Loamy	3,600	38,000	41,600	2.39	Dark brown	Faint earth	Loamy	5,400	62,000	67,400	3.21
	24	Maeda River	National Route 6, west	Futaba Town	2018/11/16	Sunny	14.6	Dark brown	Faint earth	Loamy	2,500	32,000	34,500	2.31	Dark brown	Faint earth	Loamy	4,100	48,000	52,100	3.04
					2018/12/16	Sunny	6.8	Dark brown	Faint earth	Loamy	2,800	34,000	36,800	2.28	Dark brown	Faint earth	Loamy	3,500	42,000	45,500	3.17
					2018/5/5	Sunny	19.1	Dark brown	Faint earth	Loamy	290	2,700	2,990	0.24	Brown	Faint earth	Loamy	60	610	670	0.25
					2018/6/3	Cloudy	20.8	Dark brown	Faint earth	Loamy	430	4,500	4,930	0.19	Dull yellowish brown	Faint earth	Loamy	190	2,300	2,490	0.20
					2018/8/12	Sunny	29.8	Dark brown	Faint earth	Loamy	200	2,000	2,200	0.20	Dull yellowish brown	Faint earth	Loamy	120	1,400	1,520	0.21
					2018/10/5	Cloudy	22.5	Dark brown	Faint earth	Loamy	260	2,800	3,060	0.23	Brown	Faint earth	Loamy	110	1,300	1,410	0.26
					2018/11/7	Sunny	16.1	Dark brown	Faint earth	Loamy	230	2,500	2,730	0.22	Dull yellowish brown	Faint earth	Loamy	64	730	794	0.26
					2018/12/2	Sunny	12.0	Dark brown	Faint earth	Loamy	300	3,700	4,000	0.23	Brown	Faint earth	Loamy	57	740	797	0.25
	26	Kumagawa River	National Route 6, west	Okuma Town	2018/5/10	Cloudy	13.5	Dark brown	Faint earth	Loamy	1,500	14,000	15,500	0.71	Dark brown	Faint earth	Loamy	2,000	18,000	20,000	1.30
					2018/6/5	Cloudy	25.7	Dark brown	Faint earth	Loamy	1,700	15,000	16,700	0.70	Dark brown	Faint earth	Loamy	3,000	27,000	30,000	1.43
					2018/8/15	Sunny	30.5	Dark brown	Faint earth	Loamy	870	8,200	9,070	0.81	Dark brown	Faint earth	Loamy	4,500	44,000	48,500	1.50
					2018/10/11	Cloudy	20.3	Dark brown	Faint earth	Loamy	1,800	19,000	20,800	0.94	Dark brown	Faint earth	Loamy	3,100	34,000	37,100	1.82
					2018/11/14	Sunny	17.3	Dark brown	Faint earth	Loamy	1,200	13,000	14,200	0.92	Dark brown	Faint earth	Loamy	3,400	37,000	40,400	1.64
					2018/12/11	Cloudy	6.7	Dark brown	Faint earth	Loamy	1,300	14,000	15,300	0.89	Dark brown	Faint earth	Loamy	2,400	26,000	28,400	1.83
					2018/5/25	Sunny	26.3	Dark brown	Faint earth	Loamy	8,300	79,000	87,300	2.25	Dark brown	Faint earth	Loamy	4,900	47,000	51,900	2.54
					2018/6/17	Cloudy	20.0	Dark brown	Faint earth	Loamy	1,600	15,000	16,600	2.51	Dark brown	Faint earth	Loamy	5,800	54,000	59,800	2.29
					2018/8/26	Sunny	35.0	Grayish yellowish brown	Faint earth	Loamy	4,100	41,000	45,100	3.14	Dark brown	Faint earth	Loamy	4,100	40,000	44,100	2.70
					2018/10/17	Cloudy	16.8	Dark brown	Faint earth	Loamy	3,600	38,000	41,600	3.19	Dark brown	Faint earth	Loamy	4,000	40,000	44,000	2.76
					2018/11/16	Sunny	15.9	Dark brown	Faint earth	Loamy	2,000	22,000	24,000	3.41	Dark brown	Faint earth	Loamy	4,700	50,000	54,700	2.79
					2018/12/16	Sunny	9.8	Dark brown	Faint earth	Loamy	5,400	57,000	62,400	3.23	Dark brown	Faint earth	Loamy	5,200	55,000	60,200	3.13
	28	Tomioka River	Nabekura Bridge	Kawauchi Village	2018/5/20	Sunny	17.1	Blackish brown	Faint earth	Loamy	150	1,400	1,550	0.22	Blackish brown	Faint earth	Loamy	270	2,500	2,770	0.28
					2018/6/19	Cloudy	19.1	Blackish brown	Faint earth	Loamy	170	1,800	1,970	0.21	Blackish brown	Faint earth	Loamy	410	4,300	4,710	0.26
					2018/8/23	Sunny	28.7	Black	Faint earth	Loamy	99	1,200	1,299	0.21	Blackish brown	Faint earth	Loamy	210	2,000	2,210	0.25
					2018/10/20	Cloudy	13.9	Blackish brown	Faint earth	Loamy	200	2,200	2,400	0.20	Blackish brown	Faint earth	Loamy	240	2,400	2,640	0.25
2018/11/20					Sunny	8.3	Black	Faint earth	Loamy	150	1,600	1,750	0.22	Blackish brown	Faint earth	Loamy	220	2,400	2,620	0.24	
2018/12/19					Sunny	8.5	Black	Faint earth	Loamy	300	3,600	3,900	0.19	Blackish brown	Faint earth	Loamy	200	2,500	2,700	0.25	

# Fukushima River (Surrounding Environment/Hamadori Area) 5/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
	No.	Location					Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (µSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]				Air Dose (µSv/h)
										Radioactive cesium							Radioactive cesium				
Cs-134	Cs-137	Total	Cs-134	Cs-137	Total																
29	Sakaigawa Bridge	Kawauchi Village	2018/5/4	Rain	10.3	Blackish brown	Faint earth	Loamy	780	7,100	7,880	1.05	Blackish brown	Faint earth	Loamy	2,000	18,000	20,000	1.21		
			2018/6/5	Sunny	23.0	Dark brown	Faint earth	Loamy	830	7,300	8,130	0.75	Blackish brown	Faint earth	Loamy	2,200	20,000	22,200	0.75		
			2018/8/7	Rain	20.1	Blackish brown	Faint earth	Loamy	790	7,900	8,690	1.01	Blackish brown	Faint earth	Loamy	1,600	17,000	18,600	1.22		
			2018/10/7	Sunny	25.1	Dark brown	Faint earth	Loamy	1,400	14,000	15,400	1.03	Dark brown	Faint earth	Loamy	860	9,200	10,060	1.16		
			2018/11/4	Sunny	9.5	Dark brown	Faint earth	Loamy	820	9,200	10,020	0.92	Dark brown	Faint earth	Loamy	2,100	22,000	24,100	1.25		
			2018/12/19	Sunny	10.2	Blackish brown	Faint earth	Loamy	1,100	13,000	14,100	0.84	Blackish brown	Faint earth	Loamy	960	11,000	11,960	1.02		
	30	National Route 6, west	Tomioka Town	2018/5/6	Sunny	21.8	Dark brown	Faint earth	Loamy	2,100	19,000	21,100	1.42	Grayish yellowish brown	Faint earth	Loamy	900	7,700	8,600	1.55	
				2018/6/10	Rain	17.3	Dull yellowish brown	Faint earth	Loamy	1,900	17,000	18,900	1.09	Grayish yellowish brown	Faint earth	Loamy	1,800	16,000	17,800	1.13	
				2018/8/11	Sunny	31.0	Dark brown	Faint earth	Loamy	1,400	13,000	14,400	1.31	Dark brown	Faint earth	Loamy	8,000	79,000	87,000	1.12	
				2018/10/12	Rain	17.7	Dark brown	Faint earth	Loamy	2,900	29,000	31,900	1.39	Dark brown	Faint earth	Loamy	2,500	27,000	29,500	1.18	
				2018/11/4	Sunny	18.0	Dark brown	Faint earth	Loamy	2,500	29,000	31,500	1.45	Dark brown	Faint earth	Loamy	1,600	17,000	18,600	1.42	
				2018/12/1	Sunny	13.1	Dark brown	Faint earth	Loamy	1,800	22,000	23,800	1.38	Dark brown	Faint earth	Loamy	2,200	25,000	27,200	1.08	
31	Kobama Bridge	Tomioka Town	2018/5/4	Sunny	17.8	Grayish yellowish brown	Faint earth	Loamy	53	650	703	0.14	Blackish brown	Faint earth	Loamy	11	150	161	0.09		
			2018/6/10	Cloudy	17.6	Dull yellowish brown	Faint earth	Loamy	18	210	228	0.12	Dark brown	Faint earth	Loamy	16	130	146	0.09		
			2018/8/11	Cloudy	26.0	Dark brown	Faint earth	Loamy	100	1,000	1,100	0.13	Dark brown	Faint earth	Loamy	16	190	206	0.07		
			2018/10/7	Sunny	27.5	Dark brown	Faint earth	Loamy	55	640	695	0.13	Dark brown	Faint earth	Loamy	15	140	155	0.11		
			2018/11/4	Sunny	19.8	Grayish yellowish brown	Faint earth	Loamy	91	960	1,051	0.17	Dark brown	Faint earth	Loamy	28	290	318	0.13		
			2018/12/1	Sunny	12.3	Dark brown	Faint earth	Loamy	37	450	487	0.14	Dark brown	Faint earth	Loamy	8.8	87	95.8	0.10		
32	Idogawa River	Motogama Bridge	Naraha Town	2018/5/20	Sunny	17.4	Dark brown	Faint earth	Loamy	280	2,900	3,180	0.38	Blackish brown	Faint earth	Loamy	370	3,600	3,970	0.21	
				2018/6/18	Cloudy	19.4	Blackish brown	Faint earth	Loamy	810	7,500	8,310	0.32	Blackish brown	Faint grass	Loamy	430	4,300	4,730	0.24	
				2018/8/18	Sunny	24.0	Dark brown	Faint earth	Loamy	740	7,800	8,540	0.35	Blackish brown	Faint earth	Loamy	390	3,800	4,190	0.24	
				2018/10/9	Cloudy	23.3	Dark brown	Faint earth	Loamy	750	7,500	8,250	0.34	Blackish brown	Faint earth	Loamy	390	4,300	4,690	0.24	
				2018/11/11	Sunny	19.2	Dark brown	Faint earth	Loamy	640	6,800	7,440	0.29	Blackish brown	Faint earth	Loamy	450	4,700	5,150	0.23	
				2018/12/10	Sunny	9.0	Dark brown	Faint grass	Loamy	870	9,800	10,670	0.28	Blackish brown	Faint earth	Loamy	430	4,500	4,930	0.22	
				2018/5/20	Sunny	16.8	Dull yellowish brown	Faint earth	Loamy	220	2,300	2,520	0.31	Dull yellowish brown	Faint earth	Loamy	43	430	473	0.24	
				2018/6/19	Cloudy	19.1	Dull yellowish brown	Faint earth	Loamy	120	1,100	1,220	0.29	Dark brown	Faint earth	Loamy	87	830	917	0.21	
				2018/8/23	Sunny	31.1	Grayish yellowish brown	Faint earth	Loamy	280	2,700	2,980	0.29	Grayish yellowish brown	Faint earth	Loamy	88	990	1,078	0.21	
				2018/10/20	Cloudy	14.5	Dull yellowish brown	Faint earth	Loamy	200	2,300	2,500	0.29	Dark brown	Faint earth	Loamy	54	610	664	0.20	
33	Kawauchi River	Before the confluence with Kidogawa River (Futamatabashi Bridge)	Kawauchi Village	2018/11/20	Sunny	9.8	Dull yellowish brown	Faint earth	Loamy	220	2,600	2,820	0.29	Dull yellowish brown	Faint earth	Loamy	67	670	737	0.21	
				2018/12/19	Sunny	6.3	Dull yellowish brown	Faint earth	Loamy	170	2,000	2,170	0.29	Dull yellowish brown	Faint earth	Loamy	52	580	632	0.20	
				2018/5/20	Sunny	16.3	Blackish brown	Faint earth	Loamy	69	770	839	0.14	Dark brown	Faint earth	Loamy	55	620	675	0.17	
				2018/6/19	Cloudy	19.4	Blackish brown	Faint earth	Loamy	71	680	751	0.15	Dark brown	Faint earth	Loamy	32	490	522	0.17	
				2018/8/23	Sunny	33.2	Dull yellowish brown	Faint earth	Loamy	100	1,200	1,300	0.14	Dull yellowish brown	Faint earth	Loamy	100	1,000	1,100	0.17	
				2018/10/20	Cloudy	14.1	Blackish brown	Faint earth	Loamy	87	1,000	1,087	0.15	Dark brown	Faint earth	Loamy	110	1,300	1,410	0.18	
				2018/11/20	Sunny	7.0	Dark brown	Faint earth	Loamy	59	740	799	0.14	Dark brown	Faint earth	Loamy	65	790	855	0.18	
				2018/12/19	Sunny	4.5	Blackish brown	Faint earth	Loamy	84	1,100	1,184	0.13	Blackish brown	Faint earth	Loamy	74	810	884	0.17	
				2018/5/22	Sunny	21.3	Blackish brown	Faint earth	Loamy	180	1,800	1,980	0.33	Dull yellowish brown	Faint earth	Loamy	87	940	1,027	0.24	
				2018/6/18	Cloudy	19.7	Blackish brown	Faint earth	Loamy	160	1,700	1,860	0.31	Blackish brown	Faint earth	Loamy	320	3,200	3,520	0.23	
34	Nishiyama Bridge	Naraha Town	2018/8/18	Sunny	23.6	Blackish brown	Faint earth	Loamy	160	1,600	1,760	0.33	Blackish brown	Faint earth	Loamy	350	3,600	3,950	0.24		
			2018/10/9	Cloudy	24.2	Blackish brown	Faint earth	Loamy	370	3,700	4,070	0.31	Dark brown	Faint earth	Loamy	140	1,500	1,640	0.24		
			2018/11/11	Sunny	15.3	Blackish brown	Faint earth	Loamy	230	2,500	2,730	0.29	Blackish brown	Faint earth	Loamy	280	3,200	3,480	0.22		
			2018/12/14	Sunny	6.5	Blackish brown	Faint earth	Loamy	150	1,700	1,850	0.30	Blackish brown	Faint earth	Loamy	360	4,200	4,560	0.25		
			2018/5/23	Cloudy	18.8	Blackish brown	Faint earth	Loamy	160	1,400	1,560	0.25	Blackish brown	Faint earth	Loamy	180	1,800	1,980	0.22		
35	Kidogawa River	Nagatoto Bridge	Naraha Town	2018/6/18	Cloudy	19.8	Blackish brown	Faint earth	Loamy	93	970	1,063	0.24	Blackish brown	Faint earth	Loamy	140	1,500	1,640	0.21	
				2018/8/18	Sunny	22.0	Blackish brown	Faint earth	Loamy	250	2,400	2,650	0.24	Grayish yellowish brown	Faint earth	Loamy	240	2,300	2,540	0.20	
				2018/10/9	Cloudy	21.8	Blackish brown	Faint earth	Loamy	260	2,800	3,060	0.24	Grayish yellowish brown	Faint earth	Loamy	240	2,700	2,940	0.19	
				2018/11/11	Sunny	17.8	Blackish brown	Faint earth	Loamy	190	2,300	2,490	0.24	Blackish brown	Faint grass	Loamy	160	1,800	1,960	0.20	
				2018/12/14	Cloudy	6.5	Blackish brown	Faint earth	Loamy	260	3,100	3,360	0.25	Blackish brown	Faint earth	Loamy	190	2,100	2,290	0.20	
36	Kidokawa Bridge	Naraha Town	2018/5/23	Cloudy	18.8	Blackish brown	Faint earth	Loamy	160	1,400	1,560	0.25	Blackish brown	Faint earth	Loamy	180	1,800	1,980	0.22		
			2018/6/18	Cloudy	19.8	Blackish brown	Faint earth	Loamy	93	970	1,063	0.24	Blackish brown	Faint earth	Loamy	140	1,500	1,640	0.21		
			2018/8/18	Sunny	22.0	Blackish brown	Faint earth	Loamy	250	2,400	2,650	0.24	Grayish yellowish brown	Faint earth	Loamy	240	2,300	2,540	0.20		
			2018/10/9	Cloudy	21.8	Blackish brown	Faint earth	Loamy	260	2,800	3,060	0.24	Grayish yellowish brown	Faint earth	Loamy	240	2,700	2,940	0.19		

# Fukushima River (Surrounding Environment/Hamadori Area) 6/8

No.	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)											Remarks			
	No.	Location	Municipality				Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	
										Radioactive cesium							Radioactive cesium				
Cs-134	Cs-137	Total	Cs-134	Cs-137	Total	Cs-134	Cs-137	Total													
37	Asami River	Boda Bridge	Hirono Town	2018/5/25	Sunny	20.7	Blackish brown	Faint earth	Loamy	130	1,000	1,130	0.18	Blackish brown	Faint earth	Loamy	64	630	694	0.18	
				2018/6/13	Sunny	21.8	Blackish brown	Faint earth	Loamy	100	990	1,090	0.18	Blackish brown	Faint earth	Loamy	91	1,000	1,091	0.17	
				2018/8/5	Sunny	30.1	Grayish yellowish brown	Faint earth	Loamy	130	1,300	1,430	0.21	Grayish yellowish brown	Faint earth	Loamy	140	1,500	1,640	0.19	
				2018/10/18	Sunny	17.7	Blackish brown	Faint grass	Loamy	49	580	629	0.17	Blackish brown	Faint earth	Loamy	60	620	680	0.16	
				2018/11/21	Sunny	13.3	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.20	Blackish brown	Faint earth	Loamy	94	1,000	1,094	0.18	
38	Ohisa River	Kageiso Bridge	Iwaki City	2018/12/9	Cloudy	2.1	Blackish brown	Faint earth	Loamy	73	840	913	0.20	Blackish brown	Faint earth	Loamy	89	1,100	1,189	0.16	
				2018/5/5	Sunny	20.3	-	-	-	-	-	-	0.07	Grayish yellowish brown	Faint earth	Loamy	35	330	365	0.07	(Left bank) Soil not exposed
				2018/6/13	Sunny	19.4	-	-	-	-	-	-	0.08	Blackish brown	Faint earth	Loamy	67	620	687	0.07	(Left bank) Soil not exposed
				2018/8/5	Sunny	30.1	-	-	-	-	-	-	0.08	Grayish yellowish brown	Faint earth	Loamy	60	640	700	0.08	(Left bank) Soil not exposed
				2018/10/18	Sunny	16.8	-	-	-	-	-	-	0.07	Dull yellowish brown	Faint earth	Loamy	39	400	439	0.09	(Left bank) Soil not exposed
				2018/1/11	Sunny	19.4	-	-	-	-	-	-	0.08	Blackish brown	Faint earth	Loamy	57	700	757	0.08	(Left bank) Soil not exposed
				2018/12/9	Cloudy	3.7	-	-	-	-	-	-	0.08	Grayish yellowish brown	Faint earth	Loamy	27	330	357	0.08	(Left bank) Soil not exposed
				2018/5/5	Sunny	20.8	Blackish brown	Faint earth	Loamy	100	940	1,040	0.17	Blackish brown	Faint earth	Loamy	89	1,400	1,550	0.17	
				2018/6/17	Cloudy	19.4	Dark brown	Faint earth	Loamy	89	870	959	0.16	Blackish brown	Faint earth	Loamy	89	850	939	0.13	
				2018/8/5	Cloudy	29.7	Grayish yellowish brown	Faint earth	Loamy	110	1,200	1,310	0.16	Grayish yellowish brown	Faint earth	Loamy	100	1,100	1,200	0.17	
39	Kohisa River	Rengo Bridge	Iwaki City	2018/10/18	Sunny	19.7	Dark brown	Faint earth	Loamy	100	1,300	1,400	0.16	Blackish brown	Faint earth	Loamy	140	1,700	1,840	0.15	
				2018/11/19	Cloudy	16.5	Dark brown	Faint grass	Loamy	91	960	1,051	0.15	Blackish brown	Faint grass	Loamy	130	1,400	1,530	0.15	
				2018/12/9	Sunny	6.8	Dark brown	Faint earth	Loamy	76	930	1,006	0.17	Blackish brown	Faint earth	Loamy	140	1,600	1,740	0.16	
				2018/5/5	Sunny	20.1	Blackish brown	Faint earth	Loamy	91	950	1,041	0.11	Blackish brown	Faint earth	Loamy	96	940	1,036	0.11	
				2018/6/17	Cloudy	19.3	Blackish brown	Faint earth	Loamy	120	1,100	1,220	0.08	Blackish brown	Faint earth	Loamy	100	900	1,000	0.11	
40	Niida River	Kasumida Bridge	Iwaki City	2018/8/5	Cloudy	32.9	Grayish yellowish brown	Faint earth	Loamy	43	480	523	0.11	Grayish yellowish brown	Faint earth	Loamy	100	1,100	1,200	0.13	
				2018/10/18	Sunny	15.5	Blackish brown	Faint earth	Loamy	74	700	774	0.10	Blackish brown	Faint earth	Loamy	90	1,100	1,190	0.11	
				2018/11/19	Cloudy	15.4	Blackish brown	Faint earth	Loamy	58	690	748	0.10	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.10	
				2018/12/9	Sunny	6.5	Blackish brown	Faint earth	Loamy	53	530	583	0.10	Blackish brown	Faint earth	Loamy	83	1,000	1,083	0.12	
				2018/5/21	Sunny	20.2	Blackish brown	Faint earth	Loamy	19	290	309	0.11	Dull yellowish brown	None	Sandy	5.2	39	44.2	0.10	
41	Matsuba Bridge		Iwaki City	2018/6/14	Sunny	20.4	Blackish brown	Faint earth	Loamy	100	1,000	1,100	0.12	Dull yellowish brown	None	Sandy	<5.4	40	40	0.11	
				2018/8/18	Sunny	24.2	Dark brown	Faint earth	Loamy	47	580	627	0.11	Dull yellowish brown	None	Sandy	<7.7	36	36	0.10	
				2018/10/11	Cloudy	19.9	Blackish brown	Faint earth	Loamy	72	850	922	0.12	Dull yellowish brown	None	Sandy	5.1	49	54.1	0.09	
				2018/11/19	Cloudy	13.4	Blackish brown	Faint earth	Loamy	67	760	827	0.10	Dull yellowish brown	None	Sandy	<5.8	48	48	0.10	
				2018/12/20	Sunny	7.5	Blackish brown	Faint earth	Loamy	49	590	639	0.12	Dull yellowish brown	None	Sandy	<6.6	48	48	0.10	
42	Kitanouchi Bridge		Ono Town	2018/5/1	Sunny	22.8	Blackish brown	Faint earth	Loamy	27	320	347	0.09	Blackish brown	Faint earth	Loamy	110	970	1,080	0.11	
				2018/6/6	Cloudy	20.9	Blackish brown	Faint earth	Loamy	26	300	326	0.09	Blackish brown	Faint earth	Loamy	79	590	669	0.12	
				2018/8/16	Cloudy	27.4	Blackish brown	Faint earth	Loamy	21	250	271	0.09	Blackish brown	Faint earth	Loamy	120	1,200	1,320	0.10	
				2018/10/15	Cloudy	16.4	Blackish brown	Faint earth	Loamy	18	230	248	0.11	Blackish brown	Faint earth	Loamy	28	350	378	0.11	
				2018/11/8	Cloudy	13.5	Blackish brown	Faint earth	Loamy	13	140	153	0.09	Blackish brown	Faint earth	Loamy	50	540	590	0.11	
				2018/12/18	Sunny	4.9	Blackish brown	Faint earth	Loamy	88	1,000	1,088	0.08	Blackish brown	Faint earth	Loamy	60	630	690	0.08	
				2018/5/4	Cloudy	18.8	Blackish brown	Faint earth	Loamy	53	480	533	0.13	Blackish brown	Faint earth	Loamy	45	450	495	0.12	
				2018/6/8	Sunny	25.2	Blackish brown	Faint earth	Loamy	22	280	302	0.13	Blackish brown	Faint earth	Loamy	42	350	392	0.11	
43	Natsui River	Kyudayu Bridge	Iwaki City	2018/8/22	Sunny	33.4	Blackish brown	Faint earth	Loamy	27	270	297	0.12	Blackish brown	Faint earth	Loamy	30	370	400	0.12	
				2018/10/17	Cloudy	20.1	Blackish brown	Faint earth	Loamy	51	550	601	0.13	Blackish brown	Faint earth	Loamy	30	330	360	0.11	
				2018/11/14	Sunny	16.0	Blackish brown	Faint earth	Loamy	41	460	501	0.13	Blackish brown	Faint earth	Loamy	37	420	457	0.13	
				2018/12/14	Sunny	7.0	Blackish brown	Faint earth	Loamy	47	580	627	0.13	Blackish brown	Faint earth	Loamy	48	490	538	0.11	
				2018/5/5	Sunny	17.3	Dark brown	Faint earth	Loamy	96	790	886	0.13	Blackish brown	Faint earth	Loamy	650	5,900	6,550	0.15	
44	Rokujumai Bridge		Iwaki City	2018/6/18	Cloudy	19.8	Blackish brown	Faint earth	Loamy	100	1,100	1,200	0.12	Blackish brown	Faint earth	Loamy	540	5,400	5,940	0.14	
				2018/8/1	Sunny	32.6	Dull yellowish brown	Faint earth	Loamy	76	880	956	0.15	Dark brown	Faint earth	Loamy	470	4,900	5,370	0.15	
				2018/10/17	Sunny	17.6	Blackish brown	Faint earth	Loamy	66	860	926	0.13	Blackish brown	Faint earth	Loamy	560	6,100	6,660	0.16	
				2018/11/13	Cloudy	15.5	Blackish brown	Faint earth	Loamy	81	920	1,001	0.13	Blackish brown	Faint earth	Loamy	500	5,600	6,100	0.15	
				2018/12/11	Cloudy	7.8	Blackish brown	Faint earth	Loamy	84	930	1,014	0.13	Blackish brown	Faint grass	Loamy	540	6,400	6,940	0.16	

# Fukushima River (Surrounding Environment/Hamadori Area) 7/8

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)											Remarks			
No.	Location	Municipality				Left bank					Right bank									
						Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	
									Radioactive cesium							Radioactive cesium				
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total				Cs-134	Cs-137	Total						
R i v e r s	45	Yoshima River	Iwanatsuri Bridge	2018/5/2	Cloudy	22.0	Grayish yellowish brown	Faint earth	Loamy	60	640	700	0.13	Dull yellowish brown	Faint earth	Loamy	46	450	496	0.11
				2018/6/8	Sunny	26.1	Blackish brown	Faint earth	Loamy	110	1,200	1,310	0.12	Dull yellowish brown	Faint earth	Loamy	85	930	1,015	0.08
				2018/8/16	Cloudy	28.0	Blackish brown	Faint earth	Loamy	51	520	571	0.10	Dark brown	Faint earth	Loamy	60	540	600	0.08
				2018/10/15	Cloudy	19.4	Blackish brown	Faint earth	Loamy	92	910	1,002	0.10	Dark brown	Faint earth	Loamy	64	730	794	0.08
				2018/11/14	Sunny	16.0	Blackish brown	Faint earth	Loamy	47	580	627	0.10	Dark brown	Faint earth	Loamy	44	450	494	0.10
			2018/12/16	Cloudy	9.0	Blackish brown	Faint earth	Loamy	67	820	887	0.10	Dark brown	Faint earth	Loamy	48	540	588	0.10	
			2018/5/2	Cloudy	22.5	Blackish brown	Faint earth	Loamy	33	280	313	0.10	Dull yellowish brown	Faint earth	Loamy	22	220	242	0.10	
			2018/6/8	Sunny	26.6	Grayish yellowish brown	Faint earth	Loamy	41	350	391	0.10	Grayish yellowish brown	Faint earth	Loamy	37	320	357	0.14	
			2018/8/14	Cloudy	28.6	Blackish brown	Faint earth	Loamy	71	750	821	0.09	Blackish brown	Faint earth	Loamy	23	200	223	0.09	
			2018/10/17	Cloudy	20.4	Dark brown	Faint earth	Loamy	27	250	277	0.09	Dark brown	Faint earth	Loamy	18	190	208	0.10	
	2018/11/13	Sunny	16.2	Blackish brown	Faint earth	Loamy	29	340	369	0.10	Dark brown	Faint earth	Loamy	37	450	487	0.10			
	2018/12/13	Sunny	16.3	Blackish brown	Faint earth	Loamy	24	260	284	0.08	Blackish brown	Faint earth	Loamy	33	420	453	0.10			
	2018/5/4	Cloudy	14.1	Blackish brown	Faint earth	Loamy	13	100	113	0.07	Blackish brown	Faint earth	Loamy	<5.9	52	52	0.06			
	2018/6/17	Cloudy	19.4	Blackish brown	Faint earth	Loamy	24	220	244	0.06	Blackish brown	Faint earth	Loamy	7.3	73	80.3	0.07			
	2018/8/15	Sunny	31.2	Blackish brown	Faint earth	Loamy	24	210	234	0.05	Blackish brown	Faint earth	Loamy	8.9	120	128.9	0.06			
	2018/10/14	Cloudy	19.2	Blackish brown	Faint earth	Loamy	15	190	205	0.07	Blackish brown	Faint earth	Loamy	11	140	151	0.06			
	2018/11/16	Sunny	10.2	Blackish brown	Faint earth	Loamy	17	200	217	0.06	Blackish brown	Faint earth	Loamy	14	160	174	0.07			
	2018/12/16	Cloudy	10.5	Blackish brown	Faint earth	Loamy	16	170	186	0.07	Blackish brown	Faint earth	Loamy	14	150	164	0.06			
	2018/5/4	Cloudy	12.4	Blackish brown	Faint earth	Loamy	39	400	439	0.09	Blackish brown	Faint grass	Loamy	82	880	962	0.12			
	2018/6/17	Cloudy	19.1	Blackish brown	Faint earth	Loamy	100	740	840	0.11	Blackish brown	Faint earth	Loamy	45	450	495	0.11			
2018/8/15	Sunny	31.0	Blackish brown	Faint earth	Loamy	49	490	539	0.07	Blackish brown	Faint earth	Loamy	70	810	880	0.12				
2018/10/14	Cloudy	19.7	Blackish brown	Faint earth	Loamy	24	300	324	0.07	Blackish brown	Faint earth	Loamy	120	1,100	1,220	0.12				
2018/11/16	Sunny	15.5	Blackish brown	Faint earth	Loamy	38	430	468	0.06	Blackish brown	Faint earth	Loamy	58	600	658	0.10				
2018/12/16	Sunny	7.3	Blackish brown	Faint earth	Loamy	53	660	713	0.07	Blackish brown	Faint earth	Loamy	54	680	734	0.11				
2018/5/19	Sunny	22.3	Black	Faint earth	Loamy	3,600	33,000	36,600	0.15	-	-	-	-	-	-	0.09 (Right bank) Soil not exposed				
2018/6/7	Sunny	26.2	Black	Faint earth	Loamy	1,400	14,000	15,400	0.18	-	-	-	-	-	-	0.10 (Right bank) Soil not exposed				
2018/8/19	Sunny	26.6	Black	Faint earth	Loamy	2,800	28,000	30,800	0.15	-	-	-	-	-	-	0.08 (Right bank) Soil not exposed				
2018/10/19	Cloudy	17.0	Black	Faint earth	Loamy	2,100	23,000	25,100	0.16	-	-	-	-	-	-	0.09 (Right bank) Soil not exposed				
2018/11/18	Sunny	16.4	Black	Faint earth	Loamy	1,800	20,000	21,800	0.15	-	-	-	-	-	-	0.08 (Right bank) Soil not exposed				
2018/12/8	Cloudy	8.5	Black	Faint earth	Loamy	1,300	16,000	17,300	0.15	-	-	-	-	-	-	0.10 (Right bank) Soil not exposed				
2018/5/6	Sunny	25.2	Dark grayish yellow	None	Sandy	11	120	131	0.06	Dull yellowish brown	Faint earth	Loamy	<8.0	23	23	0.06				
2018/6/9	Cloudy	26.8	Dark grayish yellow	None	Sandy	8.9	93	99.9	0.06	Brown	Faint earth	Loamy	<7.9	18	18	0.06				
2018/8/2	Sunny	31.6	Dark grayish yellow	None	Sandy	12	110	122	0.06	Dull yellowish brown	Faint earth	Loamy	<6.0	40	40	0.06				
2018/10/12	Cloudy	18.8	Dark grayish yellow	None	Sandy	11	120	131	0.06	Dull yellowish brown	Faint earth	Loamy	<5.0	36	36	0.05				
2018/11/12	Cloudy	15.1	Dark grayish yellow	None	Sandy	<7.2	57	57	0.06	Dull yellowish brown	Faint earth	Loamy	13	140	153	0.04				
2018/12/8	Cloudy	8.9	Dark grayish yellow	None	Sandy	<6.1	70	70	0.06	Dull yellowish brown	Faint earth	Loamy	<6.6	40	40	0.06				
2018/5/19	Sunny	17.4	Blackish brown	Faint earth	Loamy	44	460	504	0.12	Dark brown	Faint earth	Loamy	9.9	95	104.9	0.10				
2018/6/7	Sunny	25.8	Blackish brown	Faint earth	Loamy	57	400	457	0.12	Dull yellowish brown	Faint earth	Loamy	22	160	182	0.12				
2018/8/19	Sunny	23.6	Blackish brown	Faint earth	Loamy	64	540	604	0.10	Dark brown	Faint earth	Loamy	30	370	400	0.09				
2018/10/19	Cloudy	13.8	Blackish brown	Faint earth	Loamy	66	790	856	0.11	Dark brown	Faint earth	Loamy	28	340	368	0.10				
2018/11/18	Sunny	14.5	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.10	Dark brown	Faint earth	Loamy	20	240	260	0.08				
2018/12/8	Cloudy	5.6	Blackish brown	Faint earth	Loamy	100	1,200	1,300	0.11	Dark brown	Faint earth	Loamy	26	310	336	0.09				
2018/5/19	Sunny	22.6	Blackish brown	Faint earth	Loamy	36	360	396	0.08	Blackish brown	Faint earth	Loamy	34	320	354	0.08				
2018/6/9	Cloudy	26.3	Blackish brown	Faint earth	Loamy	21	300	321	0.08	Blackish brown	Faint earth	Loamy	41	360	401	0.08				
2018/8/19	Sunny	23.3	Blackish brown	Faint earth	Loamy	27	340	367	0.09	Blackish brown	Faint earth	Loamy	28	340	368	0.07				
2018/10/14	Cloudy	20.0	Blackish brown	Faint earth	Loamy	18	240	258	0.08	Blackish brown	Faint earth	Loamy	29	290	319	0.07				
2018/11/18	Sunny	12.6	Blackish brown	Faint earth	Loamy	29	300	329	0.07	Blackish brown	Faint earth	Loamy	26	290	316	0.08				
2018/12/8	Cloudy	8.9	Blackish brown	Faint earth	Loamy	20	220	240	0.08	Blackish brown	Faint earth	Loamy	23	250	273	0.09				



# Fukushima River (Surrounding Environment/Hamadori Area) 8/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)													Remarks	
							Left bank						Right bank								
No.	Location		Municipality	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)				
	Radioactive cesium						Radioactive cesium														
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total				Cs-134	Cs-137	Total							
R I S E X	53	Binda River	Binda Bridge	Iwaki City	2018/5/6	Sunny	21.1	Brown	Faint earth	Loamy	<0.70	1.8	1.8	0.04	Grayish yellowish brown	Faint earth	Loamy	<8.1	35	35	0.05
					2018/6/17	Cloudy	19.0	Dull yellowish brown	Faint earth	Loamy	<0.56	1.7	1.7	0.04	Grayish yellowish brown	Faint earth	Loamy	<5.5	23	23	0.05
					2018/8/15	Sunny	30.1	Blackish brown	Faint earth	Loamy	<3.6	4.8	4.8	0.05	Grayish yellowish brown	Faint earth	Loamy	<5.5	17	17	0.05
					2018/10/14	Cloudy	16.7	Dull yellowish brown	Faint earth	Loamy	<6.0	22	22	0.04	Grayish yellowish brown	Faint earth	Loamy	<6.7	13	13	0.05
					2018/11/18	Cloudy	10.6	Dull yellowish brown	Faint earth	Loamy	<6.5	8.5	8.5	0.05	Grayish yellowish brown	Faint earth	Loamy	<7.2	23	23	0.04
					2018/12/16	Sunny	1.6	Dull yellowish brown	Faint earth	Loamy	<0.87	1.6	1.6	0.04	Grayish yellowish brown	Faint earth	Loamy	<4.8	15	15	0.05





# Fukushima Lakes and Reservoirs (Water/Hamadori Area)3/11

L a k e s  a n d  R e s e r v o i r s	Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks	
	No.	Location		Municipality					General items				Activity concentration(Bq/L)							
		Water temperature (°C)	Sampling depth (m)						Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium					
130	Fugane Dam	Surface layer	2018/5/13	Cloudy	12.6	0.5	13.3	0.0	Grayish greenish yellow	None	>0.5	5.8	2	1.8	<0.75	<0.63				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/6/6	Cloudy	23.8	0.5	17.6	0.0	Light grayish reddish yellow	None	>0.5	6.4	2	2.2	<0.69	<0.80				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/8/23	Sunny	30.3	0.5	22.0	0.0	Light grayish reddish yellow	None	>0.5	6.4	7	4.1	<0.74	<0.96				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/10/9	Sunny	18.8	0.4	16.6	0.0	Light grayish yellow	None	>0.4	6.2	3	1.8	<0.87	<0.75				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/11/18	Sunny	8.2	0.6	7.9	0.0	Light grayish yellow	None	>0.6	6.8	<1	0.4	<0.86	<0.80				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/12/7	Sunny	14.2	0.6	10.3	0.0	Light grayish yellow	None	>0.6	6.6	<1	0.7	<0.76	<0.63				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
	Soso (farm pond)	Hitate Village	Surface layer	2018/5/12	Cloudy	17.7	0.6	12.6	0.0	Dark grayish yellow	None	0.5	4.2	6	3.4	<0.90	0.81			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/2	Sunny	24.1	0.6	23.3	0.0	Grayish reddish yellow	None	0.3	9.6	9	7.6	<0.85	<0.93			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/8/22	Sunny	26.8	0.3	20.6	0.0	Grayish reddish yellow	None	>0.3	4.8	16	6.7	<0.75	0.83			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
		Sasatoge	Surface layer	2018/10/19	Rain	11.1	0.8	11.5	0.0	Grayish yellow	None	0.6	5.1	6	3.7	<0.42	<0.66			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/11/20	Sunny	6.8	0.6	8.8	0.0	Dark grayish yellow	None	>0.6	4.7	4	2.7	<0.77	<0.84			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/12/14	Sunny	-0.2	0.6	3.7	0.0	Grayish greenish yellow	None	>0.6	5.1	1	1.0	<0.71	0.93			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
	132	Takanokura Dam Reservoir	Minamisoma City	Surface layer	2018/5/11	Sunny	22.4	32.0	14.9	0.5	Dark grayish yellow green	None	3.8	5.9	2	1.2	<0.69	<0.55		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Surface layer	2018/6/4	Sunny	22.1	27.6	22.0	0.5	Grayish yellow green	None	4.3	6.1	<1	0.9	<0.89	<0.80		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Surface layer	2018/8/14	Sunny	29.9	27.1	25.2	0.5	Dark grayish yellowish green	None	4.9	6.2	<1	0.8	<0.82	<0.75		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
Hitate Village			Surface layer	2018/10/15	Cloudy	16.4	31.2	17.8	0.5	Dark grayish yellowish green	None	9.5	5.9	<1	0.7	<0.72	<0.80			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/11/13	Cloudy	15.3	30.7	14.4	0.5	Dark grayish yellowish green	Faint hydrogen sulfide	6.0	8.7	5	4.9	<0.58	<0.80			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/12/10	Sunny	6.1	31.3	10.2	0.5	Dark grayish yellowish green	Faint hydrogen sulfide	4.8	6.0	1	0.8	<0.60	<0.54			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
133	Yokokawa Dam Reservoir	Minamisoma City	Surface layer	2018/5/11	Sunny	20.3	14.2	15.2	0.5	Dark grayish yellow green	None	5.2	5.0	1	0.7	<0.68	<0.88			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/6/4	Sunny	24.9	10.8	22.8	0.5	Grayish yellow green	None	6.0	5.3	<1	0.9	<0.73	<0.80			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/8/14	Sunny	26.4	10.2	25.0	0.5	Dark grayish yellowish green	None	5.8	5.6	<1	0.5	<0.69	<0.80			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
		Hitate Village	Surface layer	2018/10/15	Cloudy	17.8	11.6	18.3	0.5	Dark grayish yellowish green	None	7.5	5.0	<1	0.6	<0.81	<0.84			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/11/16	Sunny	11.4	11.4	13.9	0.5	Dark grayish yellowish green	None	6.5	5.1	<1	0.6	<0.57	<0.88			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/12/10	Sunny	5.8	10.9	10.9	0.5	Dark grayish yellowish green	None	6.0	5.2	<1	0.8	<0.67	<0.88			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	

# Fukushima Lakes and Reservoirs (Water/Hamadori Area) 4/11

L a k e s  a n d  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks					
	No.	Location	Municipality					General items				Activity concentration(Bq/L)											
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137						
134	Tarayachi	Minamisoma City	Surface layer	2018/5/11	Sunny	22.5	0.3	22.1	0.0	Light grayish yellow green	None	>0.3	4.7	4	2.2	<0.55	<0.61	-					
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water				
			Surface layer	2018/6/4	Sunny	28.5	0.5	30.1	0.0	Grayish reddish yellow	None	0.2	8.3	12	8.4	<0.73	<0.69	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/8/14	Sunny	33.0	0.2	25.2	0.0	Grayish yellow	None	>0.2	6.7	12	8.7	<0.61	<0.48	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/10/15	Cloudy	14.1	0.2	14.1	0.0	Grayish reddish yellow	None	>0.2	7.6	15	12	<0.65	<0.88	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/11/13	Sunny	14.4	0.4	12.5	0.0	Grayish yellow	None	0.3	10.2	10	10	<0.75	<0.84	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/12/10	Sunny	7.6	0.3	2.9	0.0	Grayish yellow	None	>0.3	8.5	6	6.2	<0.88	<0.88	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
	135	Takeshiyachi	Minamisoma City	Surface layer	2018/5/29	Sunny	25.1	0.7	23.4	0.0	Light grayish reddish yellow	None	>0.7	8.1	3	2.9	<0.77	<0.80	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/6/15	Rain	15.4	0.6	20.5	0.0	Grayish reddish yellow	None	>0.6	6.4	5	5.3	<0.81	<0.69	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/8/8	Rain	21.3	0.6	23.5	0.0	Grayish reddish yellow	None	0.2	11.4	19	17	<0.65	<0.66	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/10/2	Sunny	24.0	0.7	24.4	0.0	Grayish reddish yellow	None	0.5	3.7	6	5.1	<0.68	<0.80	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/11/21	Sunny	7.6	0.6	10.6	0.0	Dark grayish greenish yellow	None	0.3	3.8	12	10	<0.66	<0.88	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/12/18	Sunny	5.7	0.6	5.4	0.0	Grayish reddish yellow	None	>0.6	3.9	8	6.0	<0.67	<0.61	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
	136	Ryugasaku	Minamisoma City	Surface layer	2018/5/29	Sunny	22.0	0.6	20.7	0.0	Grayish yellow	None	>0.6	6.6	2	2.5	<0.68	<0.69	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/6/18	Cloudy	22.8	0.5	17.4	0.0	Grayish yellow	None	0.3	6.3	6	6.6	<0.83	<0.69	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/8/8	Rain	20.9	0.5	22.4	0.0	Grayish yellow	None	0.4	6.6	7	6.1	<0.72	<0.63	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/10/17	Cloudy	15.7	0.1	17.4	0.0	Grayish yellow	None	>0.1	12.0	9	7.6	<0.53	<0.61	-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/11/21	Sunny	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to no water in lake
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to no water in lake
				Surface layer	2018/12/18	Sunny	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to no water in lake
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to no water in lake
137	Uwatahshiro	Kawamata Town	Surface layer	2018/5/13	Cloudy	16.3	0.5	13.1	0.0	Grayish yellow	None	>0.5	3.6	2	2.7	<0.60	<0.92	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/19	Cloudy	21.6	0.5	16.1	0.0	Dark grayish reddish yellow	None	>0.5	4.3	6	4.2	<0.71	<0.88	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/8/5	Sunny	33.3	0.6	24.7	0.0	Grayish reddish yellow	None	0.3	4.5	7	7.8	<0.58	<0.75	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/10/20	Cloudy	12.6	0.6	12.5	0.0	Light grayish yellow	None	>0.6	4.0	4	4.2	<0.76	<0.88	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/11/3	Sunny	15.7	0.5	9.6	0.0	Grayish yellow	None	>0.5	3.9	3	2.9	<0.68	<0.88	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/12/14	Sunny	-0.3	0.6	1.0	0.0	Light grayish greenish yellow	None	0.4	5.4	10	3.7	<0.91	<0.75	-	Unable to collect samples from the deep layer due to shallow water				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	

# Fukushima Lakes and Reservoirs (Water/Hamadori Area) 5/11

L a k e s  a n d  R e s e r v o i r s	Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks					
	No.	Location		Municipality					General items					Activity concentration(Bq/L)										
		Water temperature (°C)	Sampling depth (m)						Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137								
138		Koakuto	Namic Town	Surface layer	2018/5/16	Sunny	27.0	0.4	17.4	0.0	Grayish greenish yellow	None	>0.4	9.9	5	4.1	<0.54	1.4						
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
				Surface layer	2018/6/9	Cloudy	22.3	0.4	22.3	0.0	Reddish yellowish light gray	None	0.2	11.2	15	15	<0.77	1.2		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/8/18	Sunny	18.5	0.3	19.3	0.0	Grayish greenish yellow	None	>0.3	10.6	11	9.6	<0.76	2.4		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		139	Soso (farm pond)	Yosouchi	Iitate Village	Surface layer	2018/10/13	Sunny	11.4	0.5	14.5	0.0	Grayish yellow	None	0.3	10.6	15	12	<0.71	3.0				
						Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
						Surface layer	2018/11/15	Sunny	10.5	0.4	8.0	0.0	Grayish yellow green	None	>0.4	11.3	6	3.9	<0.78	1.2		-	Unable to collect samples from the deep layer due to shallow water	
						Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
						Surface layer	2018/12/15	Snow	0.4	0.3	2.3	0.0	Grayish reddish yellow	None	>0.3	9.1	2	1.3	<0.76	<0.74		-	Unable to collect samples from the deep layer due to shallow water	
						Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
140		Myobusaku No. 2	Minamisoma City	Surface layer	2018/5/8	Rain	8.9	0.2	11.0	0.0	Light grayish reddish yellow	None	>0.2	7.7	20	7.1	<0.65	<0.69						
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
				Surface layer	2018/6/2	Sunny	24.8	0.1	23.2	0.0	Light grayish reddish yellow	None	>0.1	8.1	42	13	<0.78	<0.73		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/8/10	Sunny	29.8	0.2	21.6	0.0	Grayish reddish yellow	None	>0.2	6.2	78	27	<0.84	1.3		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		141	Ogaki Dam	Namic Town	Surface layer	2018/10/1	Sunny	21.5	0.3	23.2	0.0	Light grayish reddish yellow	None	>0.3	5.4	5	5.9	<0.65	<0.55					
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
					Surface layer	2018/11/20	Sunny	6.4	0.1	8.9	0.0	Light grayish reddish yellow	None	>0.1	6.5	19	4.6	<0.63	<0.80		-	Unable to collect samples from the deep layer due to shallow water		
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
					Surface layer	2018/12/13	Sunny	3.3	0.1	5.4	0.0	Light grayish yellow green	None	>0.1	6.1	12	3.7	<0.72	<0.69		-	Unable to collect samples from the deep layer due to shallow water		
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
140		Myobusaku No. 2	Minamisoma City	Surface layer	2018/5/25	Sunny	21.5	0.5	19.8	0.0	Grayish yellow	None	>0.5	9.1	4	4.4	<0.84	<0.63						
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
				Surface layer	2018/6/12	Cloudy	19.2	0.6	20.5	0.0	Dark grayish greenish yellow	None	0.5	4.2	5	4.0	<0.71	<0.80		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/8/15	Sunny	27.3	0.5	27.0	0.0	Dark grayish greenish yellow	None	>0.5	4.5	5	4.9	<0.76	<0.75		-	Unable to collect samples from the deep layer due to shallow water			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		141	Ogaki Dam	Namic Town	Surface layer	2018/10/17	Cloudy	15.7	0.6	17.4	0.0	Dark grayish yellow	None	>0.6	4.5	5	2.9	<0.74	<0.70					
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
					Surface layer	2018/11/19	Cloudy	14.3	0.5	13.0	0.0	Grayish reddish yellow	None	>0.5	4.6	4	2.7	<0.71	<0.85		-	Unable to collect samples from the deep layer due to shallow water		
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
					Surface layer	2018/12/11	Sunny	0.5	0.5	4.7	0.0	Grayish reddish yellow	None	>0.5	4.8	2	2.0	<0.86	<0.75		-	Unable to collect samples from the deep layer due to shallow water		
					Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
141	Ogaki Dam	Namic Town	Surface layer	2018/5/16	Sunny	17.7	31.0	17.6	0.5	Dark grayish yellow green	None	9.2	5.7	<1	0.4	<0.54	<0.70							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water				
			Surface layer	2018/6/9	Cloudy	25.9	27.6	23.2	0.5	Dark grayish yellowish green	None	5.1	5.6	<1	0.7	<0.69	<0.75							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/7/10	Sunny	31.6	23.5	24.3	0.5	Dark grayish yellow green	None	4.1	6.1	<1	1.1	<0.82	<0.75							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/8/18	Sunny	23.0	26.4	22.5	0.5	Dark grayish yellow green	None	3.0	5.2	3	2.5	<0.58	<0.88							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/9/14	Sunny	21.5	0.5	18.6	0.0	Dark grayish yellow green	None	>0.5	9.3	2	1.8	<0.68	<0.92							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/10/13	Cloudy	16.6	0.4	18.3	0.0	Dark grayish yellow green	None	>0.4	5.3	1	1.6	<0.63	<0.84							
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/11/15	Sunny	16.0	0.5	12.7	0.0	Dark grayish yellow green	None	>0.5	6.6	1	1.7	<0.89	<0.69										
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water						
Surface layer	2018/12/15	Snow	2.9	0.6	5.7	0.0	Grayish greenish yellow	None	>0.6	6.3	2	2.1	<0.62	<0.69										
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water						
Surface layer	2019/1/18	Sunny	4.6	0.6	4.3	0.0	Grayish yellow green	None	>0.6	14.7	1	1.4	<0.58	<0.71										
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water						
Surface layer	2019/2/12	Sunny	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to freezing					
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to freezing					

# Fukushima Lakes and Reservoirs (Water/Hamadori Area)6/11

L a k e s  a n d  R e s e r v o i r s	Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks				
	No.	Location		Municipality					General items					Activity concentration(Bq/L)									
		Water temperature (°C)	Sampling depth (m)						Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium								
				Cs-134		Cs-137																	
142	Uenokawa	Katsurao Village	Surface layer	2018/5/1	Sunny	26.2	0.3	21.3	0.0	Light grayish reddish yellow	None	>0.3	8.4	6	2.8	<0.66	<0.63	-					
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
			Surface layer	2018/6/2	Sunny	27.7	0.3	23.9	0.0	Light grayish yellow	None	>0.3	8.6	11	6.2	<0.61	<0.69	-	-	Unable to collect samples from the deep layer due to shallow water			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/8/7	Rain	17.8	0.3	17.3	0.0	Light grayish reddish yellow	None	>0.3	16.9	9	4.0	<0.55	<0.96	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
		Surface layer	2018/10/20	Cloudy	11.0	0.3	11.3	0.0	Light grayish greenish yellow	None	>0.3	8.8	3	1.7	<0.57	<0.80	-	-	-	Unable to collect samples from the deep layer due to shallow water			
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/11/3	Sunny	15.5	0.3	11.5	0.0	Light grayish reddish yellow	None	>0.3	8.5	4	1.6	<0.80	<0.88	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/12/18	Sunny	4.5	0.2	5.3	0.0	Light grayish reddish yellow	None	>0.2	10.0	3	1.2	<0.78	<0.75	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
	143	Heigoiri	Iitate Village	Surface layer	2018/5/12	Cloudy	21.7	0.2	17.6	0.0	Light grayish yellow	None	>0.2	3.8	1	1.3	<0.65	<0.80	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/6/7	Sunny	27.2	0.2	21.8	0.0	Light grayish reddish yellow	None	>0.2	4.8	1	2.0	<0.69	<0.84	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Surface layer	2018/8/22	Sunny	30.6	0.3	28.7	0.0	Grayish reddish yellow	None	>0.3	4.6	3	3.0	<0.66	<0.75	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
			Surface layer	2018/10/9	Sunny	21.2	0.2	17.3	0.0	Light grayish reddish yellow	None	>0.2	4.4	12	5.8	<0.73	<0.80	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/11/18	Sunny	13.4	0.5	7.3	0.0	Light grayish reddish yellow	None	>0.5	4.5	1	1.5	<0.74	<0.74	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/12/7	Sunny	10.8	0.2	7.9	0.0	Light grayish reddish yellow	None	>0.2	4.5	6	5.1	<0.73	<0.84	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
	144	Mokurasawa No. 2	Namic Town	Surface layer	2018/5/4	Cloudy	16.8	0.5	20.3	0.0	Dark grayish yellow	None	0.2	9.5	32	28	<0.73	0.88	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/6/9	Cloudy	26.2	0.4	24.3	0.0	Grayish yellow	None	0.2	9.8	14	12	<0.77	<0.96	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Surface layer	2018/8/7	Rain	20.9	0.5	22.8	0.0	Grayish reddish yellow	None	0.3	8.4	15	13	<0.80	<0.70	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
Surface layer			2018/10/13	Sunny	18.4	0.5	20.4	0.0	Grayish reddish yellow	None	0.2	10.5	17	14	<0.88	<0.93	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Deep layer			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer			2018/11/15	Sunny	13.8	0.5	13.3	0.0	Dark grayish reddish yellow	None	0.2	12.7	29	23	<0.71	<0.75	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Deep layer			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer			2018/12/15	Sunny	6.2	0.4	5.6	0.0	Grayish yellow	None	0.2	13.0	27	23	<0.74	<0.75	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Deep layer			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
145	Joroku	Namic Town	Surface layer	2018/5/6	Cloudy	25.2	0.5	20.2	0.0	Grayish reddish yellow	None	0.2	10.2	10	12	<0.83	<0.61	-	-	Unable to collect samples from the deep layer due to shallow water			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/17	Cloudy	20.6	0.6	19.6	0.0	Dark grayish greenish yellow	None	0.2	10.8	10	8.6	<0.71	<0.48	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/8/11	Sunny	30.2	0.5	27.5	0.0	Grayish reddish yellow	None	0.2	9.9	5	5.8	<0.74	<0.61	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
		Surface layer	2018/10/5	Cloudy	23.3	0.6	21.8	0.0	Grayish yellow	None	0.3	10.5	6	4.9	<0.72	<0.96	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/11/7	Cloudy	18.4	0.6	16.1	0.0	Dark grayish yellow	None	0.3	10.9	15	14	<0.63	<0.63	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Surface layer	2018/12/9	Sunny	5.5	0.5	7.3	0.0	Dark grayish yellow	None	0.2	11.1	19	12	<0.87	<0.80	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		





# Fukushima Lakes and Reservoirs (Water/Hamadori Area)8/11

L a k e s  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks	
	No.	Location	Municipality					General items				Activity concentration(Bq/L)							
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137		
150	Sakashita Dam	Okuma Town	Surface layer	2018/5/10	Cloudy	17.1	16.7	15.3	0.5	Dark grayish yellow green	None	3.2	6.9	2	1.7	<0.71	<0.84		
			Deep layer						8.3	15.7	-	None		7.3	2	2.1	<0.75	<0.80	
			Surface layer	2018/6/5	Sunny	24.0	17.9	22.0	0.5	Dark grayish yellow green	None	5.9	7.2	<1	0.8	<0.77	<0.75		
			Deep layer						9.3	16.9	-	None		7.5	1	1.6	<0.71	<0.80	
			Surface layer	2018/8/15	Sunny	31.6	17.5	27.8	0.5	Dark grayish yellowish green	None	3.8	7.3	2	1.8	<0.66	<0.55		
			Deep layer						17.0	16.5	-	None		7.8	3	4.2	<0.81	<0.61	
			Surface layer	2018/10/11	Rain	17.7	17.3	19.4	0.5	Dark grayish yellow green	None	3.5	7.0	<1	0.6	<0.80	<0.75		
			Deep layer						18.3	16.3	-	None		7.1	1	1.3	<0.83	<0.80	
			Surface layer	2018/11/14	Sunny	13.6	16.0	14.5	0.5	Dark grayish yellow green	None	5.0	7.1	<1	0.8	<0.89	<0.88		
			Deep layer						14.5	15.0	-	None		7.3	2	1.8	<0.70	<0.63	
			Surface layer	2018/12/11	Sunny	10.7	16.5	9.9	0.5	Dark grayish yellowish green	None	3.5	7.3	1	1.5	<0.77	<0.84		
			Deep layer						9.5	15.5	-	None		7.4	3	2.6	<0.64	<0.80	
	Surface layer	2018/5/10	Cloudy	12.2	0.6	15.1	0.0	Grayish yellow	None	0.4	11.5	7	9.2	<0.77	<0.66	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/6/5	Cloudy	26.3	0.4	26.2	0.0	Grayish yellow green	None	>0.4	11.3	4	3.0	<0.61	<0.99	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/8/15	Sunny	33.9	0.3	30.0	0.0	Grayish yellow	None	>0.3	13.0	8	6.3	<0.70	<0.84	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/10/11	Rain	18.3	0.5	20.7	0.0	Grayish yellow green	None	>0.5	12.4	4	4.2	<0.57	<0.75	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/11/14	Sunny	14.6	0.6	15.4	0.0	Grayish greenish yellow	None	>0.6	13.5	8	8.6	<0.48	<0.75	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/12/11	Cloudy	8.2	0.4	7.0	0.0	Grayish yellow green	None	>0.4	14.0	7	5.3	<0.72	<0.75	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/5/25	Sunny	25.4	1.2	22.6	0.0	Grayish yellow	None	0.5	19.5	17	19	<0.57	1.6	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/6/12	Cloudy	19.7	1.0	20.7	0.0	Grayish yellow	None	0.6	9.4	15	15	<0.78	1.5	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/8/26	Sunny	36.0	0.7	31.1	0.0	Grayish greenish yellow	None	0.5	10.7	12	12	<0.95	1.3	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/10/17	Cloudy	18.5	0.9	18.1	0.0	Grayish yellow	None	0.3	10.3	25	26	<0.68	2.0	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/11/16	Sunny	15.9	0.9	15.3	0.0	Dark grayish yellow	None	0.4	10.1	18	19	<0.57	1.2	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/12/16	Cloudy	9.5	0.7	6.0	0.0	Grayish yellow	None	0.5	10.1	14	12	<0.85	1.2	Unable to collect samples from the deep layer due to shallow water			
Deep layer							-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water				

# Fukushima Lakes and Reservoirs (Water/Hamadori Area)9/11

L a k e s  a n d  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks			
	No.	Location	Municipality					General items					Activity concentration(Bq/L)								
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137				
153	Takikawa Dam	Tomioka Town	Surface layer	2018/5/17	Cloudy	20.3	0.7	18.7	0.0	Grayish yellow green	None	>0.7	7.1	1	2.2	<0.74	<0.66				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/5	Sunny	20.7	0.7	19.6	0.0	Grayish yellow green	None	>0.7	11.9	2	1.7	<0.71	<0.63	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
			Surface layer	2018/7/5	Cloudy	27.3	0.6	23.7	0.0	Grayish yellow green	None	>0.6	8.2	3	2.2	<0.81	<0.80	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
			Surface layer	2018/8/11	Cloudy	24.7	16.8	23.4	0.5	Grayish yellow green	None	2.0	7.4	2	2.0	<0.90	<0.75	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	18.8	15.8	-	-	-	6.6	7	6.0	<0.75	<0.75	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/9/7	Sunny	28.0	17.5	23.5	0.5	Dark grayish yellow green	None	4.1	7.1	<1	0.4	<0.62	<0.70	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	18.6	16.5	-	-	-	8.1	1	1.7	<0.57	<0.74	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/10/12	Cloudy	15.8	23.8	19.0	0.5	Dark grayish yellow green	None	3.5	7.0	<1	0.8	<0.72	<0.88	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	17.2	22.8	-	-	-	6.9	1	1.3	<0.78	<0.63	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/11/14	Sunny	9.1	26.0	14.0	0.5	Dark grayish yellow green	None	5.0	7.0	<1	0.7	<0.63	<0.75	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	13.5	25.0	-	-	-	7.0	<1	0.6	<0.84	<0.84	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/12/9	Snow	2.1	28.2	11.0	0.5	Dark grayish yellowish green	None	7.0	7.1	<1	0.5	<0.67	<0.80	-	Unable to collect samples from the deep layer due to shallow water		
	Deep layer	-	-	-	-	10.5	27.2	-	-	-	7.3	<1	0.4	<0.55	<0.75	-	Unable to collect samples from the deep layer due to shallow water				
	Surface layer	2019/1/15	Cloudy	9.1	27.8	6.0	0.5	Dark grayish yellow green	None	7.5	7.3	<1	0.6	<0.78	<0.69	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	5.8	26.8	-	-	-	8.0	<1	0.5	<0.83	<0.84	-	Unable to collect samples from the deep layer due to shallow water				
	Surface layer	2019/2/7	Sunny	14.7	28.9	4.7	0.5	Dark grayish yellow green	None	5.5	7.4	<1	1.1	<0.87	<0.80	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	5.1	27.9	-	-	-	8.4	<1	1.2	<0.77	<0.75	-	Unable to collect samples from the deep layer due to shallow water				
	Surface layer	2018/5/6	Sunny	22.9	0.5	16.1	0.0	Grayish yellow	None	>0.5	12.5	8	8.4	<0.83	<0.79	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/6/10	Rain	16.9	0.5	20.8	0.0	Grayish yellow	None	0.3	13.2	13	11	<0.81	<0.96	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/8/19	Sunny	19.9	0.6	22.9	0.0	Grayish reddish yellow	None	0.5	11.1	2	2.9	<0.73	<0.92	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/10/12	Rain	15.7	0.6	19.1	0.0	Grayish greenish yellow	None	0.5	10.3	3	2.5	<0.74	<0.75	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	Surface layer	2018/11/4	Sunny	16.0	0.4	13.1	0.0	Grayish yellow	None	>0.4	12.1	8	6.2	<0.80	<0.69	-	Unable to collect samples from the deep layer due to shallow water				
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/12/1	Sunny	11.8	0.6	10.9	0.0	Grayish yellow	None	0.4	12.2	10	8.9	<0.89	<0.69	-	Unable to collect samples from the deep layer due to shallow water					
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water				
154	Soso (farm pond)	Takinosawa	Surface layer	2018/5/25	Sunny	21.2	0.6	24.7	0.0	Dark grayish yellowish green	None	>0.6	6.4	12	7.9	<0.83	<0.80	-			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/19	Cloudy	20.7	0.5	23.6	0.0	Grayish yellow green	None	>0.5	6.0	7	6.4	<0.62	<0.88	-	Unable to collect samples from the deep layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/8/26	Sunny	32.5	0.5	28.8	0.0	Grayish greenish yellow	None	>0.5	6.8	21	25	<0.68	<0.80	-	Unable to collect samples from the deep layer due to shallow water		
	Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	155	Kamisiogoka No. 1	Naraha Town	Surface layer	2018/10/21	Sunny	17.8	0.5	15.0	0.0	Grayish greenish yellow	None	>0.5	5.9	26	30	<0.54	<0.63	-		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/11/22	Cloudy	11.3	0.4	10.6	0.0	Grayish yellow green	None	>0.4	7.1	27	16	<0.69	<0.84	-	Unable to collect samples from the deep layer due to shallow water	
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
Surface layer				2018/12/18	Sunny	7.6	0.3	4.7	0.0	Grayish yellow green	None	>0.3	6.9	9	7.4	<0.72	<0.66	-	Unable to collect samples from the deep layer due to shallow water		
Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water				

# Fukushima Lakes and Reservoirs (Water/Hamadori Area) 10/11

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks					
	No.	Location	Municipality					General items				Activity concentration(Bq/L)											
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137						
156	Soso (farm pond)	Shimoshigeoka	Naraha Town	Surface layer	2018/5/26	Cloudy	19.1	0.8	22.9	0.0	Dark grayish yellow green	None	>0.8	10.4	7	4.9	<0.56	<0.70					
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/6/20	Rain	19.1	0.8	21.7	0.0	Dark grayish yellow green	None	>0.8	10.2	4	3.1	<0.62	<0.69	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/8/26	Sunny	32.9	0.7	30.1	0.0	Dark grayish yellow green	None	>0.7	11.8	5	3.1	<0.75	<0.96	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
		Surface layer	2018/10/21	Sunny	18.4	0.8	16.9	0.0	Grayish yellow green	None	>0.8	11.4	9	7.1	<0.77	<0.54	-	-	Unable to collect samples from the deep layer due to shallow water				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
		Surface layer	2018/11/22	Cloudy	11.7	0.7	11.6	0.0	Dark grayish yellow green	None	>0.7	10.8	11	10	<0.86	<0.69	-	-	Unable to collect samples from the deep layer due to shallow water				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
		Surface layer	2018/12/18	Sunny	7.2	0.6	5.6	0.0	Dark grayish yellow green	None	>0.6	10.9	3	3.2	<0.56	<0.82	-	-	Unable to collect samples from the deep layer due to shallow water				
		Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
	157	Komachi Dam	Ono Town	Surface layer	2018/5/2	Cloudy	20.4	10.1	18.3	0.5	Dark grayish yellow green	None	1.7	8.6	3	2.7	<0.68	<0.80	-	-			
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/6/6	Cloudy	20.1	11.7	23.1	0.5	Dark grayish yellow green	None	1.8	9.1	2	3.4	<0.70	<0.80	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/8/16	Cloudy	28.8	11.7	11.7	10.7	29.4	0.5	Dark grayish yellow green	None	1.9	10.6	6	9.1	<0.75	<0.69	-	-	
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
				Surface layer	2018/10/3	Sunny	24.3	11.9	21.7	0.5	Dark grayish yellow green	Faint hydrogen sulfide	0.8	9.6	11	13	<0.69	<0.69	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/11/8	Cloudy	11.3	11.7	13.5	0.5	Dark grayish yellow green	None	1.9	9.5	2	2.3	<0.84	<0.84	-	-	Unable to collect samples from the deep layer due to shallow water		
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
				Surface layer	2018/12/19	Sunny	3.7	10.1	12.8	10.7	3.5	0.5	Dark grayish yellow green	None	2.2	10.1	11	11	<0.71	<0.75	-	-	
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water	
158	Kido Dam	Naraha Town	Surface layer	2018/5/15	Sunny	22.7	34.6	14.6	0.5	Dark grayish yellow green	None	1.9	4.9	3	2.6	<0.75	<0.84	-	-				
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/6/12	Cloudy	17.9	44.0	6.4	33.6	20.1	0.5	Dark grayish yellow green	None	2.5	5.1	1	1.0	<0.74	<0.63	-	-		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/7/11	Sunny	30.6	39.2	20.1	43.0	6.1	0.5	Dark grayish yellow green	None	2.8	5.5	1	1.4	<0.60	<0.75	-	-		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/8/6	Cloudy	24.0	41.9	26.9	0.5	Dark grayish yellow green	None	2.1	5.7	<1	0.7	<0.83	<0.84	-	-	Unable to collect samples from the deep layer due to shallow water			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/9/6	Cloudy	30.7	32.9	7.6	38.2	27.7	0.5	Dark grayish yellow green	None	2.9	5.3	1	1.5	<0.79	<0.55	-	-		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/10/9	Cloudy	17.6	40.7	6.9	40.9	23.8	0.5	Dark grayish yellow green	None	2.2	5.9	<1	1.7	<0.80	<0.61	-	-		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/11/7	Sunny	13.8	44.0	7.1	31.9	7.1	0.5	Dark grayish yellow green	None	3.5	5.6	<1	1.1	<0.85	<0.84	-	-		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			Surface layer	2018/12/14	Sunny	4.8	35.6	17.7	0.5	Dark grayish yellow green	None	4.8	4.9	2	2.2	<0.71	<0.60	-	-	Unable to collect samples from the deep layer due to shallow water			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
			159	Soso (farm pond)	Otsutsumi	Surface layer	2018/5/15	Sunny	23.3	1.2	14.4	0.5	Dark grayish yellow green	None	>1.2	5.3	1	1.8	<0.68	<0.69	-	-	
						Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
Surface layer	2018/6/12	Cloudy				18.4	1.0	6.5	43.0	5.8	0.5	Dark grayish yellow green	None	>1.0	6.6	2	1.9	<0.69	<0.63	-	-		
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/8/26	Sunny				32.6	1.3	9.1	0.5	Dark grayish yellowish green	None	4.0	5.7	<1	1.3	<0.68	<0.69	-	-	Unable to collect samples from the deep layer due to shallow water			
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/10/18	Sunny				17.3	1.4	4.8	35.9	4.0	0.5	Dark grayish yellow green	None	0.9	5.8	1	1.4	<0.72	<0.88	-	-		
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/11/21	Sunny				12.8	1.4	19.2	0.0	Dark grayish reddish yellow	None	>1.4	45.5	7	5.3	<0.63	<0.66	-	-	Unable to collect samples from the deep layer due to shallow water			
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/12/9	Sunny				6.1	1.4	12.9	0.0	Dark grayish yellow	None	>1.4	48.3	8	6.0	<0.57	<0.80	-	-	Unable to collect samples from the deep layer due to shallow water			
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water		















# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area)1/6

L a k e s  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
	No.	Location					Municipality	Soil				Air Dose (μSv/h)		
		General items												
		Color	Odor					Property	Activity concentration [Bq/kg(dry)]					
Radioactive cesium														
			Cs-134	Cs-137	Total									
124	Soso (farm pond)	Takei	Shinchi Town	2018/5/14	Rain	16.4	Grayish yellowish brown	Faint earth	Loamy	150	1,500	1,650	0.10	
				2018/6/2	Sunny	22.5	Dark brown	Faint earth	Loamy	210	2,300	2,510	0.12	
				2018/8/16	Cloudy	27.4	Dark brown	Faint earth	Loamy	200	2,000	2,200	0.11	
				2018/10/10	Cloudy	24.2	Dark brown	Faint earth	Loamy	200	2,300	2,500	0.12	
				2018/11/10	Cloudy	17.5	Dark brown	Faint earth	Loamy	130	1,500	1,630	0.16	
				2018/12/13	Sunny	7.0	Dark brown	Faint earth	Loamy	190	2,200	2,390	0.13	
	125		Uchizawa	Soma City	2018/5/14	Sunny	21.7	Dull yellowish brown	Faint earth	Loamy	<7.0	20	20	0.06
					2018/6/2	Sunny	21.3	Dull yellowish brown	Faint earth	Loamy	<7.2	27	27	0.05
					2018/8/16	Cloudy	24.9	Brown	Faint earth	Loamy	<7.4	51	51	0.06
					2018/10/10	Cloudy	23.6	Dull yellowish brown	Faint earth	Loamy	<7.3	29	29	0.08
					2018/11/10	Cloudy	17.4	Brown	Faint earth	Loamy	<8.7	28	28	0.07
					2018/12/13	Sunny	7.1	Grayish yellowish brown	Faint earth	Loamy	<7.3	29	29	0.06
	126	Matsugabo Dam (Lake Utagawa)		Soma City	2018/5/15	Sunny	21.4	Dark brown	Faint earth	Loamy	230	2,400	2,630	0.18
					2018/6/6	Cloudy	21.8	Dull yellowish brown	Faint earth	Loamy	320	3,200	3,520	0.20
					2018/8/16	Cloudy	27.5	Dark brown	Faint earth	Loamy	210	2,400	2,610	0.20
					2018/10/16	Cloudy	19.7	Dark brown	Faint earth	Loamy	210	2,300	2,510	0.24
					2018/11/12	Sunny	16.0	Dark brown	Faint earth	Loamy	180	2,200	2,380	0.22
					2018/12/13	Sunny	6.3	Dark brown	Faint earth	Loamy	130	1,400	1,530	0.22
	127	Mano Dam		Iitate Village	2018/5/15	Sunny	25.6	Dark brown	Faint earth	Loamy	380	4,000	4,380	0.29
					2018/6/6	Cloudy	22.2	Dark brown	Faint earth	Loamy	420	3,900	4,320	0.42
					2018/7/6	Rain	19.1	Blackish brown	Faint earth	Loamy	300	3,100	3,400	0.38
					2018/8/10	Sunny	32.4	Dark brown	Faint earth	Loamy	330	3,300	3,630	0.38
					2018/9/4	Cloudy	25.4	Dark brown	Faint earth	Loamy	470	4,600	5,070	0.39
					2018/10/16	Cloudy	13.0	Dark brown	Faint earth	Loamy	380	4,200	4,580	0.49
2018/11/12					Cloudy	9.7	Dark brown	Faint earth	Loamy	290	3,300	3,590	0.40	
2018/12/13					Sunny	3.5	Dark brown	Faint earth	Loamy	440	4,500	4,940	0.45	
2019/1/23					Sunny	9.8	Dark brown	Faint earth	Loamy	620	7,700	8,320	0.39	
2019/2/14					Sunny	2.8	Dark brown	Faint earth	Loamy	420	5,100	5,520	0.41	
2018/5/8					Rain	8.4	Brown	Faint earth	Loamy	740	6,800	7,540	0.64	
128					Soso (farm pond)	Ainosawa	Iitate Village	2018/6/7	Sunny	28.7	Dull yellowish brown	Faint earth	Loamy	650
	2018/8/10	Sunny	31.2	Dull yellowish brown				Faint earth	Loamy	1,000	9,300	10,300	0.76	
	2018/10/1	Sunny	23.3	Grayish yellowish brown				Faint earth	Loamy	580	6,100	6,680	0.77	
	2018/11/20	Sunny	8.9	Brown				Faint earth	Loamy	670	7,500	8,170	0.89	
	2018/12/7	Sunny	11.9	Dull yellowish brown				Faint earth	Loamy	1,100	12,000	13,100	0.73	
	2018/5/12	Cloudy	20.2	Dark brown				Faint earth	Loamy	1,000	9,700	10,700	0.92	
129	Ganbe Dam Reservoir		Iitate Village	2018/6/2	Sunny	24.6	Dark brown	Faint earth	Loamy	2,000	20,000	22,000	1.05	
				2018/8/22	Sunny	30.2	Dark brown	Faint earth	Loamy	1,100	11,000	12,100	1.10	
				2018/10/19	Rain	10.9	Blackish brown	Faint earth	Loamy	1,400	15,000	16,400	0.71	
				2018/11/20	Sunny	7.8	Dark brown	Faint earth	Loamy	1,200	13,000	14,200	1.36	
				2018/12/13	Sunny	3.2	Blackish brown	Faint earth	Loamy	770	7,800	8,570	0.58	
				2018/5/13	Cloudy	12.6	Dark brown	Faint earth	Loamy	1,900	18,000	19,900	0.97	
130	Soso (farm pond)	Fugane Dam	Iitate Village	2018/6/6	Cloudy	23.8	Dark brown	Faint earth	Loamy	1,400	14,000	15,400	0.98	
				2018/8/23	Sunny	30.3	Dark brown	Faint earth	Loamy	860	9,000	9,860	1.23	
				2018/10/9	Sunny	18.8	Dark brown	Faint earth	Loamy	1,000	10,000	11,000	1.33	
				2018/11/18	Sunny	8.2	Dark brown	Faint earth	Loamy	1,400	15,000	16,400	1.28	
				2018/12/7	Sunny	14.2	Dark brown	Faint earth	Loamy	880	9,300	10,180	1.21	
				2018/5/12	Cloudy	17.7	Dark brown	Faint earth	Loamy	2,600	24,000	26,600	0.93	
131	Soso (farm pond)	Sasatoge	Iitate Village	2018/6/2	Sunny	24.1	Dark brown	Faint earth	Loamy	2,500	25,000	27,500	0.93	
				2018/8/22	Sunny	26.8	Dark brown	Faint earth	Loamy	1,700	17,000	18,700	1.07	
				2018/10/19	Rain	11.1	Blackish brown	Faint earth	Loamy	2,300	24,000	26,300	0.78	
				2018/11/20	Sunny	6.8	Dark brown	Faint earth	Loamy	1,500	14,000	15,500	1.21	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 2/6

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
						Soil			Color	Odor	Property	Activity concentration [Bq/kg(dry)]	
No.	Location	Municipality	General items			Radioactive cesium							
			Cs-134	Cs-137	Total								
			2018/12/14	Sunny	-0.2	Blackish brown	Faint earth	Loamy	1,900	20,000	21,900	0.68	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 3/6

L a k e s  a n d  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
							Municipality		Soil				Air Dose (μSv/h)	
	General items								Activity concentration [Bq/kg(dry)]					
	No.	Location					Color	Odor	Property	Radioactive cesium				
						Cs-134	Cs-137	Total						
132	Takanokura Dam Reservoir		2018/5/11	Sunny	22.4	Brown	Faint earth	Loamy	450	4,300	4,750	0.51		
			2018/6/4	Sunny	22.1	Brown	Faint earth	Loamy	530	4,300	4,830	0.57		
			2018/8/14	Sunny	29.9	Brown	Faint earth	Loamy	1,200	12,000	13,200	0.69		
			2018/10/15	Cloudy	16.4	Brown	Faint earth	Loamy	470	4,900	5,370	0.76		
			2018/11/13	Cloudy	15.3	Dull yellowish brown	Faint earth	Loamy	760	8,500	9,260	0.69		
			2018/12/10	Sunny	6.1	Dull yellowish brown	Faint earth	Loamy	680	7,800	8,480	0.74		
	133	Yokokawa Dam Reservoir		2018/5/11	Sunny	20.3	Grayish yellowish brown	Faint earth	Loamy	740	7,100	7,840	0.48	
				2018/6/4	Sunny	24.9	Dull yellowish brown	Faint earth	Loamy	570	5,500	6,070	0.51	
				2018/8/14	Sunny	26.4	Dark brown	Faint earth	Loamy	1,000	10,000	11,000	0.59	
				2018/10/15	Cloudy	17.8	Dark brown	Faint earth	Loamy	500	5,400	5,900	0.70	
				2018/11/16	Sunny	11.4	Dull yellowish brown	Faint earth	Loamy	410	4,100	4,510	0.67	
				2018/12/10	Sunny	5.8	Dark brown	Faint earth	Loamy	680	7,600	8,280	0.65	
	134	Tarayachi	Minamisoma City	2018/5/11	Sunny	22.5	Dull yellowish brown	Faint earth	Loamy	590	5,600	6,190	0.36	
				2018/6/4	Sunny	28.5	Grayish yellowish brown	Faint earth	Loamy	670	6,900	7,570	0.35	
				2018/8/14	Sunny	33.0	Dull yellowish brown	Faint earth	Loamy	500	5,500	6,000	0.41	
				2018/10/15	Cloudy	14.1	Dark brown	Faint earth	Loamy	340	3,600	3,940	0.52	
				2018/11/13	Sunny	14.4	Dark brown	Faint earth	Loamy	440	5,000	5,440	0.43	
				2018/12/10	Sunny	7.6	Dark brown	Faint earth	Loamy	620	6,300	6,920	0.46	
	135	Takeshiyachi		2018/5/29	Sunny	25.1	Brown	Faint earth	Loamy	90	910	1,000	0.10	
				2018/6/15	Rain	15.4	Brown	Faint earth	Loamy	110	1,200	1,310	0.10	
				2018/8/8	Rain	21.3	Brown	Faint earth	Loamy	20	210	230	0.11	
				2018/10/2	Sunny	24.0	Dull yellowish brown	Faint earth	Loamy	47	500	547	0.12	
				2018/11/21	Sunny	7.6	Dull yellowish brown	Faint earth	Loamy	48	560	608	0.11	
				2018/12/18	Sunny	5.7	Dull yellowish brown	Faint earth	Loamy	38	480	518	0.12	
	136	Ryugasaku		2018/5/29	Sunny	22.0	Dull yellowish brown	Faint earth	Loamy	390	3,600	3,990	0.24	
				2018/6/18	Cloudy	22.8	Dull yellowish brown	Faint earth	Loamy	270	2,800	3,070	0.23	
				2018/8/8	Rain	20.9	Dark brown	Faint earth	Loamy	200	2,400	2,600	0.27	
				2018/10/17	Cloudy	15.7	Dull yellowish brown	Faint earth	Loamy	260	2,900	3,160	0.37	
				2018/11/21	Sunny	9.2	Dull yellowish brown	Faint earth	Loamy	200	2,400	2,600	0.36	
				2018/12/18	Sunny	6.1	Dull yellowish brown	Faint earth	Loamy	98	1,200	1,298	0.34	
137	Soso (farm pond)	Uwatahshiro	Kawamata Town	2018/5/13	Cloudy	16.3	Dull yellowish brown	Faint earth	Loamy	420	4,200	4,620	0.24	
				2018/6/19	Cloudy	21.6	Dull yellowish brown	Faint earth	Loamy	350	3,600	3,950	0.23	
				2018/8/5	Sunny	33.3	Brown	Faint earth	Loamy	180	1,900	2,080	0.25	
				2018/10/20	Cloudy	12.6	Dark brown	Faint earth	Loamy	260	2,700	2,960	0.19	
				2018/11/3	Sunny	15.7	Dull yellowish brown	Faint earth	Loamy	330	3,900	4,230	0.30	
				2018/12/14	Sunny	-0.3	Dull yellowish brown	Faint earth	Loamy	420	4,500	4,920	0.17	
138	Koakuto	Namie Town	2018/5/16	Sunny	27.0	Dark brown	Faint earth	Loamy	6,300	55,000	61,300	3.20		
			2018/6/9	Cloudy	22.3	Dull yellowish brown	Faint earth	Loamy	6,100	58,000	64,100	3.26		
			2018/8/18	Sunny	18.5	Dark brown	Faint earth	Loamy	7,100	66,000	73,100	4.36		
			2018/10/13	Sunny	11.4	Dark brown	Faint earth	Loamy	6,500	64,000	70,500	4.01		
			2018/11/15	Sunny	10.5	Blackish brown	Faint earth	Loamy	5,500	57,000	62,500	4.54		
			2018/12/15	Snow	0.4	Blackish brown	Faint earth	Loamy	3,900	40,000	43,900	4.37		
139	Yosouchi	Iitate Village	2018/5/8	Rain	8.9	Grayish yellowish brown	Faint earth	Loamy	270	2,800	3,070	0.61		
			2018/6/2	Sunny	24.8	Grayish yellowish brown	Faint earth	Loamy	650	6,700	7,350	0.60		
			2018/8/10	Sunny	29.8	Dark brown	Faint earth	Loamy	530	5,400	5,930	0.74		
			2018/10/1	Sunny	21.5	Dull yellowish brown	Faint earth	Loamy	500	5,300	5,800	0.82		
			2018/11/20	Sunny	6.4	Grayish yellowish brown	Faint earth	Loamy	370	4,300	4,670	0.85		
			2018/12/13	Sunny	3.3	Blackish brown	Faint earth	Loamy	510	5,600	6,110	0.43		

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 4/6

L a k e s  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks				
	No.	Location					Municipality	Soil				Air Dose (μSv/h)						
		General items																
		Color	Odor					Property	Activity concentration [Bq/kg(dry)]									
Radioactive cesium																		
			Cs-134	Cs-137	Total													
140	Soso (farm pond)	Myobusaku No. 2	Minamisoma City	2018/5/25	Sunny	21.5	Grayish yellowish brown	Faint earth	Loamy	110	1,300	1,410	0.14					
				2018/6/12	Cloudy	19.2	Dark brown	Faint earth	Loamy	74	1,000	1,074	0.15					
				2018/8/15	Sunny	27.3	Dark brown	Faint earth	Loamy	120	1,300	1,420	0.15					
				2018/10/17	Cloudy	15.7	Dark brown	Faint earth	Loamy	88	1,100	1,188	0.20					
				2018/11/19	Cloudy	14.3	Dark brown	Faint earth	Loamy	100	1,300	1,400	0.16					
				2018/12/11	Sunny	0.5	Dark brown	Faint earth	Loamy	110	1,400	1,510	0.18					
	141	Ogaki Dam		Namiie Town	2018/5/16	Sunny	17.7	Blackish brown	Faint earth	Loamy	110	1,100	1,210	0.82				
					2018/6/9	Cloudy	25.9	Dark brown	Faint earth	Loamy	600	5,500	6,100	0.88				
					2018/7/10	Sunny	31.6	Dark brown	Faint earth	Loamy	93	940	1,033	0.98				
					2018/8/18	Sunny	23.0	Dark brown	Faint earth	Loamy	350	3,700	4,050	1.05				
					2018/9/14	Sunny	21.5	Dark brown	Faint earth	Loamy	300	3,100	3,400	0.93				
					2018/10/13	Cloudy	16.6	Blackish brown	Faint earth	Loamy	280	3,000	3,280	1.08				
					2018/11/15	Sunny	16.0	Dark brown	Faint earth	Loamy	210	2,500	2,710	0.99				
					2018/12/15	Snow	2.9	Dark brown	Faint earth	Loamy	230	2,500	2,730	1.02				
					2019/1/18	Sunny	4.6	Dark brown	Faint earth	Loamy	120	1,400	1,520	1.14				
					2019/2/12	Sunny	4.8	Dark brown	Faint earth	Loamy	97	1,100	1,197	0.96				
	142		Uenokawa	Katsurao Village	2018/5/1	Sunny	26.2	Dark brown	Faint earth	Loamy	280	2,700	2,980	0.32				
					2018/6/2	Sunny	27.7	Blackish brown	Faint earth	Loamy	220	2,300	2,520	0.21				
					2018/8/7	Rain	17.8	Dull yellowish brown	Faint earth	Loamy	160	1,700	1,860	0.25				
					2018/10/20	Cloudy	11.0	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.15				
					2018/11/3	Sunny	15.5	Dark brown	Faint earth	Loamy	230	2,700	2,930	0.30				
					2018/12/18	Sunny	4.5	Dark brown	Faint earth	Loamy	16	180	196	0.19				
					143	Soso (farm pond)	Heigoiri	Iitate Village	2018/5/12	Cloudy	21.7	Blackish brown	Faint earth	Loamy	2,300	23,000	25,300	1.00
									2018/6/7	Sunny	27.2	Blackish brown	Faint earth	Loamy	1,600	15,000	16,600	0.98
									2018/8/22	Sunny	30.6	Dark brown	Faint earth	Loamy	1,700	16,000	17,700	1.18
									2018/10/9	Sunny	21.2	Blackish brown	Faint earth	Loamy	2,000	23,000	25,000	1.34
	2018/11/18	Sunny	13.4	Blackish brown					Faint earth	Loamy	2,000	19,000	21,000	1.26				
	2018/12/7	Sunny	10.8	Blackish brown					Faint earth	Loamy	2,000	22,000	24,000	1.25				
	144		Mekurasawa No. 2	Namiie Town	2018/5/4	Cloudy	16.8	Dark brown	Faint earth	Loamy	1,500	16,000	17,500	1.01				
					2018/6/9	Cloudy	26.2	Dull yellowish brown	Faint earth	Loamy	1,800	18,000	19,800	0.78				
2018/8/7					Rain	20.9	Dark brown	Faint earth	Loamy	2,000	20,000	22,000	0.89					
2018/10/13					Sunny	18.4	Dark brown	Faint earth	Loamy	1,800	19,000	20,800	0.95					
2018/11/15					Sunny	13.8	Dark brown	Faint earth	Loamy	1,500	19,000	20,500	0.98					
2018/12/15					Sunny	6.2	Dark brown	Faint earth	Loamy	1,400	14,000	15,400	0.96					
145						Joroku	Namiie Town	2018/5/6	Cloudy	25.2	Dull yellowish brown	Faint earth	Loamy	160	1,400	1,560	0.62	
								2018/6/17	Cloudy	20.6	Brown	Faint earth	Loamy	96	1,200	1,296	0.41	
	2018/8/11	Sunny	30.2	Dull yellowish brown				Faint earth	Loamy	190	2,100	2,290	0.52					
	2018/10/5	Cloudy	23.3	Brown				Faint earth	Loamy	110	1,100	1,210	0.56					
	2018/11/7	Cloudy	18.4	Dull yellowish brown				Faint earth	Loamy	76	940	1,016	0.56					
	2018/12/9	Sunny	5.5	Dull yellowish brown				Faint earth	Loamy	100	1,200	1,300	0.59					
146	Furumichigawa Dam		Tamura City	2018/5/13	Cloudy	19.7	Grayish yellowish brown	Faint earth	Loamy	59	620	679	0.18					
				2018/6/2	Sunny	23.2	Blackish brown	Faint earth	Loamy	96	950	1,046	0.15					
				2018/8/19	Sunny	25.5	Dark brown	Faint earth	Loamy	120	1,300	1,420	0.20					
				2018/10/5	Cloudy	17.8	Blackish brown	Faint earth	Loamy	170	1,900	2,070	0.15					
				2018/11/8	Cloudy	12.7	Dark brown	Faint earth	Loamy	110	1,200	1,310	0.22					
				2018/12/15	Snow	0.6	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.14					
				147	Soso (farm pond)	Sawairi No. 1	Futaba Town	2018/5/28	Cloudy	23.3	Brown	Faint earth	Loamy	7,400	65,000	72,400	7.23	
2018/6/12	Cloudy	18.0	Brown					Faint earth	Loamy	6,600	63,000	69,600	6.64					
2018/8/24	Rain	27.7	Dull yellowish brown					Faint earth	Loamy	7,200	69,000	76,200	9.11					
2018/10/18	Sunny	14.0	Brown					Faint earth	Loamy	7,500	76,000	83,500	9.15					
2018/11/19	Cloudy	13.0	Brown					Faint earth	Loamy	5,100	55,000	60,100	9.09					

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 5/6

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
						Soil			Color	Odor	Property	Activity concentration [Bq/kg(dry)]	
No.	Location	Municipality	General items			Radioactive cesium							
			Cs-134	Cs-137	Total								
			2018/12/17	Cloudy	7.6	Brown	Faint earth	Loamy	4,600	49,000	53,600	8.98	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area)6/6

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
							Soil				Air Dose (μSv/h)			
	General items						Activity concentration [Bq/kg(dry)]							
	Color	Odor	Property					Radioactive cesium						
			Cs-134	Cs-137	Total									
148	Soso (farm pond)	Suzunai No. 4	Okuma Town	2018/5/25	Sunny	24.8	Brown	Faint earth	Loamy	11,000	100,000	111,000	6.43	
				2018/6/17	Cloudy	16.5	Dull yellowish brown	Faint earth	Loamy	4,900	47,000	51,900	6.58	
				2018/8/26	Sunny	32.5	Dull yellowish brown	Faint earth	Loamy	17,000	170,000	187,000	8.23	
				2018/10/18	Sunny	18.6	Dark brown	Faint earth	Loamy	22,000	220,000	242,000	8.80	
				2018/11/19	Cloudy	12.8	Dull yellowish brown	Faint earth	Loamy	8,100	86,000	94,100	8.50	
149	Soso (farm pond)	Nishihaguro	Futaba Town	2018/12/17	Sunny	12.4	Dark brown	Faint earth	Loamy	5,500	61,000	66,500	8.57	
				2018/5/28	Sunny	27.6	Grayish yellowish brown	Faint earth	Loamy	3,900	39,000	42,900	1.54	
				2018/6/12	Cloudy	18.1	Dark brown	Faint earth	Loamy	2,200	21,000	23,200	1.56	
				2018/8/24	Cloudy	29.9	Dark brown	Faint earth	Loamy	2,800	28,000	30,800	1.98	
				2018/10/18	Sunny	17.9	Dark brown	Faint earth	Loamy	3,200	32,000	35,200	2.02	
150	Sakashita Dam		Okuma Town	2018/11/19	Cloudy	13.7	Dark brown	Faint earth	Loamy	2,800	31,000	33,800	2.01	
				2018/12/17	Cloudy	9.5	Dark brown	Faint earth	Loamy	1,500	17,000	18,500	1.99	
				2018/5/10	Cloudy	17.1	Dark brown	Faint earth	Loamy	92	800	892	0.23	
				2018/6/5	Sunny	24.0	Grayish yellowish brown	Faint earth	Loamy	180	1,800	1,980	0.26	
				2018/8/15	Sunny	31.6	Brown	Faint earth	Loamy	280	3,000	3,280	0.26	
151	Soso (farm pond)	Atamamori 2	Okuma Town	2018/10/11	Rain	17.7	Dark brown	Faint earth	Loamy	330	3,500	3,830	0.30	
				2018/11/14	Sunny	13.6	Dark brown	Faint earth	Loamy	270	3,000	3,270	0.30	
				2018/12/11	Sunny	10.7	Dull yellowish brown	Faint earth	Loamy	170	2,000	2,170	0.26	
				2018/5/10	Cloudy	12.2	Dull yellowish brown	Faint earth	Loamy	1,200	11,000	12,200	0.58	
				2018/6/5	Cloudy	26.3	Dull yellowish brown	Faint earth	Loamy	1,700	15,000	16,700	0.55	
152	Soso (farm pond)	Yonomori	Okuma Town	2018/8/15	Sunny	33.9	Dull yellowish brown	Faint earth	Loamy	1,800	17,000	18,800	0.63	
				2018/10/11	Rain	18.3	Dull yellowish brown	Faint earth	Loamy	1,100	11,000	12,100	0.77	
				2018/11/14	Sunny	14.6	Dark brown	Faint earth	Loamy	1,800	19,000	20,800	0.74	
				2018/12/11	Cloudy	8.2	Grayish yellowish brown	Faint earth	Loamy	1,200	13,000	14,200	0.74	
				2018/5/25	Sunny	25.4	Grayish yellowish brown	Faint earth	Loamy	1,600	16,000	17,600	1.24	
153	Takikawa Dam		Tomioka Town	2018/6/12	Cloudy	19.7	Dull yellowish brown	Faint earth	Loamy	1,000	9,200	10,200	1.21	
				2018/8/26	Sunny	36.0	Dull yellowish brown	Faint earth	Loamy	2,400	23,000	25,400	1.40	
				2018/10/17	Cloudy	18.5	Dark brown	Faint earth	Loamy	1,500	16,000	17,500	1.63	
				2018/11/16	Sunny	15.9	Dark brown	Faint earth	Loamy	790	8,200	8,990	1.58	
				2018/12/16	Cloudy	9.5	Dull yellowish brown	Faint earth	Loamy	1,200	13,000	14,200	1.53	
				2018/5/17	Cloudy	20.3	Dark brown	Faint earth	Loamy	3,100	28,000	31,100	0.93	
				2018/6/5	Sunny	20.7	Dark brown	Faint earth	Loamy	2,700	25,000	27,700	0.94	
				2018/7/5	Cloudy	27.3	Dark brown	Faint earth	Loamy	4,400	40,000	44,400	0.89	
				2018/8/11	Cloudy	24.7	Dark brown	Faint earth	Loamy	2,300	24,000	26,300	1.08	
				2018/9/7	Sunny	28.0	Dark brown	Faint earth	Loamy	3,900	38,000	41,900	1.08	
				2018/10/12	Cloudy	15.8	Dark brown	Faint earth	Loamy	2,400	24,000	26,400	1.15	
				2018/11/14	Sunny	9.1	Dark brown	Faint earth	Loamy	3,000	29,000	32,000	1.11	
				2018/12/9	Snow	2.1	Blackish brown	Faint earth	Loamy	2,800	31,000	33,800	1.10	
				2019/1/15	Cloudy	9.1	Dark brown	Faint earth	Loamy	2,200	24,000	26,200	1.08	
				154	Soso (farm pond)	Takinosawa	Tomioka Town	2019/2/7	Sunny	14.7	Dark brown	Faint earth	Loamy	1,400
2018/5/6	Sunny	22.9	Grayish yellowish brown					Faint earth	Loamy	1,100	11,000	12,100	0.53	
2018/6/10	Rain	16.9	Dark brown					Faint earth	Loamy	910	9,100	10,010	0.43	
2018/8/19	Sunny	19.9	Dark brown					Faint earth	Loamy	1,400	14,000	15,400	0.50	
2018/10/12	Rain	15.7	Dark brown					Faint earth	Loamy	720	7,400	8,120	0.54	
2018/11/4	Sunny	16.0	Dark brown					Faint earth	Loamy	1,100	12,000	13,100	0.53	
2018/12/1	Sunny	11.8	Dark brown					Faint earth	Loamy	1,100	12,000	13,100	0.53	
2018/5/25	Sunny	21.2	Dark brown					Faint earth	Loamy	310	3,100	3,410	0.42	
155	Soso (farm pond)	Kamisiageoka No. 1	Naraha Town	2018/6/19	Cloudy	20.7	Dark brown	Faint earth	Loamy	640	6,100	6,740	0.43	
				2018/8/26	Sunny	32.5	Dark brown	Faint earth	Loamy	330	3,400	3,730	0.41	
				2018/10/21	Sunny	17.8	Dark brown	Faint earth	Loamy	400	4,400	4,800	0.40	
				2018/11/22	Cloudy	11.3	Dark brown	Faint earth	Loamy	340	3,400	3,740	0.40	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 7/6

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
						Soil			Color	Odor	Property	Activity concentration [Bq/kg(dry)]	
No.	Location	Municipality	General items			Radioactive cesium							
			Cs-134	Cs-137	Total								
			2018/12/18	Sunny	7.6	Dark brown	Faint earth	Loamy	320	3,300	3,620	0.40	



# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area)8/6

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)						Remarks	
							Soil							Air Dose (μSv/h)
							General items							
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]				
Radioactive cesium														
No.	Location		Municipality						Cs-134	Cs-137	Total			
156	Soso (farm pond)	Shimoshigeoka	Naraha Town	2018/5/26	Cloudy	19.1	Dark brown	Faint earth	Loamy	300	3,000	3,300	0.31	
				2018/6/20	Rain	19.1	Dark brown	Faint earth	Loamy	180	1,900	2,080	0.27	
				2018/8/26	Sunny	32.9	Brown	Faint earth	Loamy	320	3,200	3,520	0.28	
				2018/10/21	Sunny	18.4	Dark brown	Faint earth	Loamy	220	2,300	2,520	0.30	
				2018/11/22	Cloudy	11.7	Dark brown	Faint earth	Loamy	150	1,800	1,950	0.29	
				2018/12/18	Sunny	7.2	Dark brown	Faint earth	Loamy	170	2,000	2,170	0.30	
157	Komachi Dam		Ono Town	2018/5/2	Cloudy	20.4	Blackish brown	Faint earth	Loamy	32	310	342	0.12	
				2018/6/6	Cloudy	20.1	Grayish yellowish brown	Faint earth	Loamy	40	430	470	0.13	
				2018/8/16	Cloudy	28.8	Blackish brown	Faint earth	Loamy	46	610	656	0.11	
				2018/10/3	Sunny	24.3	Blackish brown	Faint earth	Loamy	45	550	595	0.11	
				2018/11/8	Cloudy	11.3	Blackish brown	Faint earth	Loamy	49	560	609	0.11	
				2018/12/19	Sunny	3.7	Blackish brown	Faint earth	Loamy	39	390	429	0.07	
158	Kido Dam		Naraha Town	2018/5/15	Sunny	22.7	Blackish brown	Faint earth	Loamy	130	1,000	1,130	0.20	
				2018/6/12	Cloudy	17.9	Blackish brown	Faint earth	Loamy	55	490	545	0.20	
				2018/7/11	Sunny	30.6	Dark brown	Faint earth	Loamy	140	1,400	1,540	0.20	
				2018/8/6	Cloudy	24.0	Grayish yellowish brown	Faint grass	Loamy	110	1,100	1,210	0.21	
				2018/9/6	Cloudy	30.7	Dark brown	Faint earth	Loamy	130	1,400	1,530	0.16	
				2018/10/9	Cloudy	17.6	Blackish brown	Faint earth	Loamy	160	1,800	1,960	0.21	
				2018/11/7	Sunny	13.8	Blackish brown	Faint earth	Loamy	150	1,800	1,950	0.20	
				2018/12/14	Sunny	4.8	Blackish brown	Faint earth	Loamy	100	1,200	1,300	0.20	
				2019/1/16	Sunny	5.2	Dark brown	Faint earth	Loamy	180	2,100	2,280	0.21	
				2019/2/6	Cloudy	6.8	Dark brown	Faint earth	Loamy	140	1,900	2,040	0.21	
159	Soso (farm pond)	Otsumi		2018/5/15	Sunny	23.3	Dull yellowish brown	Faint earth	Loamy	110	1,100	1,210	0.17	
				2018/6/12	Cloudy	18.4	Brown	Faint earth	Loamy	51	580	631	0.19	
				2018/8/26	Sunny	32.6	Brown	Faint earth	Loamy	95	940	1,035	0.16	
				2018/10/18	Sunny	17.3	Dark brown	Faint earth	Loamy	58	720	778	0.15	
				2018/11/21	Sunny	12.8	Dark brown	Faint earth	Loamy	56	630	686	0.15	
				2018/12/9	Sunny	6.1	Dark brown	Faint earth	Loamy	62	640	702	0.16	
160	Iwaki (farm pond)	Shinike		2018/5/15	Sunny	26.6	Dull yellowish brown	Faint earth	Loamy	44	380	424	0.15	
				2018/6/12	Cloudy	19.6	Brown	Faint earth	Loamy	21	270	291	0.15	
				2018/8/3	Sunny	32.7	Dull yellowish brown	Faint earth	Loamy	51	510	561	0.19	
				2018/10/10	Sunny	23.8	Dull yellowish brown	Faint earth	Loamy	68	760	828	0.17	
				2018/11/19	Cloudy	13.0	Dark brown	Faint earth	Loamy	64	650	714	0.16	
				2018/12/12	Cloudy	9.1	Dark brown	Faint earth	Loamy	51	520	571	0.15	
				2018/5/16	Sunny	24.1	Brown	Faint earth	Loamy	9.8	110	119.8	0.12	
				2018/6/8	Cloudy	20.5	Dull yellowish brown	Faint earth	Loamy	<5.5	69	69	0.15	
161	Kodama Dam Reservoir (Lake Kodama)		Iwaki City	2018/8/22	Cloudy	26.6	Dark brown	Faint earth	Loamy	28	310	338	0.12	
				2018/10/15	Cloudy	14.9	Dark brown	Faint grass	Loamy	35	310	345	0.13	
				2018/11/14	Sunny	10.8	Dark brown	Faint earth	Loamy	23	290	313	0.12	
				2018/12/17	Cloudy	12.3	Dull yellowish brown	Faint earth	Loamy	21	230	251	0.12	
				2018/5/16	Sunny	25.8	Dark brown	Faint earth	Loamy	45	560	605	0.10	
				2018/6/18	Cloudy	19.4	Blackish brown	Faint earth	Loamy	120	1,400	1,520	0.11	
162	Iwaki (farm pond)	Kanoritsutsumishita	Iwaki City	2018/8/14	Sunny	32.1	Blackish brown	Faint earth	Loamy	74	680	754	0.11	
				2018/10/17	Sunny	20.6	Dull yellowish brown	Faint earth	Loamy	61	670	731	0.09	
				2018/11/21	Sunny	6.8	Dull yellowish brown	Faint earth	Loamy	65	740	805	0.11	
				2018/12/18	Sunny	9.0	Dull yellowish brown	Faint earth	Loamy	33	390	423	0.10	
				2018/5/17	Cloudy	20.4	Blackish brown	Faint earth	Loamy	190	1,900	2,090	0.14	
163	Takashiba Dam Reservoir (Lake Takashiba)		Iwaki City	2018/6/9	Sunny	21.4	Blackish brown	Faint earth	Loamy	160	1,600	1,760	0.12	
				2018/8/20	Cloudy	21.4	Blackish brown	Faint earth	Loamy	130	1,200	1,330	0.12	
				2018/10/16	Cloudy	15.9	Blackish brown	Faint earth	Loamy	120	1,400	1,520	0.11	
				2018/11/15	Sunny	12.1	Blackish brown	Faint earth	Loamy	250	3,000	3,250	0.11	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area) 9/6

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
						Soil			Air Dose (μSv/h)				
No.	Location	Municipality				General items				Activity concentration [Bq/kg(dry)]			
						Color	Odor	Property	Radioactive cesium				
									Cs-134	Cs-137	Total		
			2018/12/17	Cloudy	6.3	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.12	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Hamadori Area)10/6

Reference No.	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)						Remarks	
							Soil			Color	Odor	Property		Activity concentration [Bq/kg(dry)]
	General items						Radioactive cesium							
	No.	Location	Municipality				Cs-134	Cs-137	Total					
164	Shitoki Dam Reservoir	Iwaki City	2018/5/17	Cloudy	20.8	Blackish brown	Faint earth	Loamy	190	2,000	2,190	0.16		
			2018/6/9	Cloudy	27.8	Blackish brown	Faint earth	Loamy	160	1,500	1,660	0.21		
			2018/8/20	Cloudy	24.6	Blackish brown	Faint earth	Loamy	220	2,300	2,520	0.16		
			2018/10/16	Cloudy	18.2	Blackish brown	Faint earth	Loamy	420	4,400	4,820	0.15		
			2018/11/15	Sunny	13.8	Blackish brown	Faint earth	Loamy	160	2,000	2,160	0.15		
			2018/12/17	Cloudy	8.0	Blackish brown	Faint earth	Loamy	120	1,500	1,620	0.15		

# Fukushima River (Water/Nakadori Area) 1/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
	Location	Location						General items							Activity concentration(Bq/L)			
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium Cs-134	Cs-137	
54	Habuto Bridge	Nishigo Village	2018/5/8	Cloudy	10.2	0.3	11.9	0.0	Light grayish yellow green	None	>100	10.7	3	2.4	<0.69	<0.75		
			2018/6/2	Sunny	24.7	0.3	23.6	0.0	Light grayish yellow green	None	>100	11.9	1	0.8	<0.70	<0.55		
			2018/8/12	Cloudy	26.5	0.5	20.2	0.0	Light grayish yellow green	None	>100	10.6	3	1.5	<0.68	<0.84		
			2018/10/4	Cloudy	19.6	0.5	15.5	0.0	Light grayish yellow green	None	>100	10.1	4	1.5	<0.69	<0.66		
			2018/11/2	Sunny	15.7	0.4	13.7	0.0	Light grayish yellow green	None	>100	12.3	<1	0.5	<0.75	<0.69		
	55	Abukuma River	Shirakawa City	2018/12/2	Sunny	11.9	0.4	9.6	0.0	Light grayish yellow green	None	>100	12.9	<1	0.6	<0.67	<0.63	
				2018/4/24	Rain	14.3	0.3	12.9	0.0	Light grayish reddish yellow	None	>100	10.8	1	1.8	<0.64	<0.75	
				2018/5/10	Cloudy	16.3	0.3	13.5	0.0	Light grayish greenish yellow	None	56	10.6	5	3.2	<0.77	<0.70	
				2018/6/2	Sunny	21.4	0.3	22.0	0.0	Light grayish yellow	None	>100	15.1	3	1.3	<0.70	<0.92	
				2018/7/14	Sunny	29.7	0.2	24.8	0.0	Light grayish yellow	None	>100	14.6	<1	0.9	<0.75	<0.75	
Tamachi-ohashi Bridge		2018/8/7	Cloudy	19.5	0.3	20.2	0.0	Light grayish yellow	None	>100	13.4	4	2.1	<0.72	<0.84			
		2018/9/2	Rain	20.7	0.3	18.4	0.0	Light grayish yellow	None	>100	12.8	2	1.4	<0.72	<0.80			
		2018/10/4	Cloudy	20.5	0.3	17.5	0.0	Light grayish yellow	None	>100	11.3	3	1.5	<0.75	<0.79			
		2018/12/4	Sunny	18.0	0.4	13.2	0.0	Light grayish yellow green	None	>100	12.9	2	1.3	<0.86	<0.88			
		2019/1/14	Sunny	-1.5	0.2	4.0	0.0	Light grayish reddish yellow	None	>100	13.2	2	0.8	<0.65	<0.75			
56	Yanta River	Before the confluence with Abukuma River	2019/2/1	Cloudy	0.2	0.3	2.9	0.0	Light grayish reddish yellow	None	>100	13.3	<1	0.7	<0.80	<0.75		
			2018/5/8	Cloudy	9.8	1.4	13.3	0.0	Dark grayish yellowish green	None	>100	32.5	3	1.9	<0.69	<0.48		
			2018/6/2	Sunny	20.7	1.4	17.5	0.0	Grayish yellowish green	None	>100	41.1	2	1.0	<0.70	<0.69		
			2018/8/12	Cloudy	25.0	1.3	21.4	0.0	Grayish yellowish green	None	>100	36.1	1	0.8	<0.73	<0.88		
			2018/10/5	Cloudy	20.2	1.3	18.3	0.0	Grayish yellowish green	None	>100	36.3	3	0.9	<0.86	<0.75		
	Yashiro River	Yashirogawa Bridge	Tanagura Town	2018/11/3	Cloudy	13.8	1.0	14.7	0.0	Grayish yellowish green	None	>100	56.4	<1	0.6	<0.73	<0.63	
				2018/12/1	Cloudy	11.1	1.3	11.3	0.0	Dark grayish yellowish green	None	>100	55.0	2	1.4	<0.81	<0.75	
				2018/5/12	Cloudy	16.1	0.6	13.8	0.0	Grayish yellow green	None	>100	12.4	5	3.0	<0.75	<0.80	
				2018/6/3	Sunny	20.8	0.5	20.5	0.0	Light grayish yellow green	None	>100	15.4	5	3.2	<0.81	<0.55	
				2018/8/12	Cloudy	28.9	0.6	23.8	0.0	Dark grayish yellow green	None	>100	13.4	8	4.3	<0.67	<0.75	
58	Kitasu River	Yanagi Bridge	2018/10/7	Sunny	25.1	0.6	19.6	0.0	Grayish yellow green	None	>100	11.4	5	2.1	<0.72	<0.70		
			2018/11/4	Cloudy	10.6	0.5	11.1	0.0	Light grayish yellow green	None	>100	12.8	<1	1.2	<0.72	<0.84		
			2018/12/2	Sunny	1.3	0.5	6.5	0.0	Light grayish yellow green	None	>100	24.6	1	1.6	<0.72	<0.75		
			2018/5/11	Sunny	19.1	0.3	11.7	0.0	Light grayish yellow green	None	57	12.2	7	4.3	<0.69	<0.55		
			2018/6/4	Sunny	22.7	0.2	19.5	0.0	Light grayish yellow green	None	>100	15.1	2	2.0	<0.77	<0.75		
	Imade River	Nekonaki Bridge	Ishikawa Town	2018/8/10	Sunny	31.2	0.3	23.1	0.0	Light grayish yellow green	None	78	12.8	9	3.3	<0.70	<0.84	
				2018/10/3	Cloudy	19.6	0.3	16.5	0.0	Light grayish yellow green	None	>100	12.5	5	2.1	<0.85	<0.80	
				2018/11/9	Cloudy	16.0	0.3	12.7	0.0	Light grayish yellow green	None	>100	13.8	1	0.7	<0.77	<0.69	
				2018/12/17	Cloudy	1.8	0.6	3.8	0.0	Light grayish yellow green	None	>100	14.4	2	1.3	<0.56	<0.63	
				2018/5/6	Sunny	27.8	0.4	16.1	0.0	Grayish yellow green	None	>100	14.4	3	3.5	<0.78	<0.69	
60	Yashiro River	Oji Bridge	2018/6/4	Sunny	25.3	0.4	21.5	0.0	Light grayish yellow green	None	>100	14.5	4	2.6	<0.71	<0.84		
			2018/8/14	Sunny	29.4	0.3	23.7	0.0	Grayish yellow green	None	92	14.6	7	4.1	<0.70	<0.70		
			2018/10/7	Sunny	25.7	0.4	20.2	0.0	Grayish yellow green	None	40	11.0	13	10	<0.48	<0.69		
			2018/11/3	Sunny	15.1	0.3	11.2	0.0	Light grayish yellow green	None	>100	14.6	2	1.6	<0.76	<0.88		
			2018/12/1	Sunny	5.9	0.4	7.5	0.0	Light grayish yellow green	None	>100	15.0	2	1.5	<0.61	<0.75		
	Yashiro River	Oji Bridge	Ishikawa Town	2018/5/6	Sunny	27.6	0.6	16.9	0.0	Grayish yellow green	None	38	14.7	14	15	<0.77	<0.61	
				2018/6/3	Sunny	27.4	0.5	22.0	0.0	Light grayish yellow green	None	>100	14.8	4	3.5	<0.80	<0.63	
				2018/8/14	Sunny	27.1	0.5	24.2	0.0	Grayish yellow green	None	>100	14.6	5	3.3	<0.83	<0.88	
				2018/10/5	Cloudy	21.8	0.7	17.7	0.0	Grayish yellow green	None	52	11.7	10	6.6	<0.93	<0.60	
				2018/11/3	Sunny	13.5	0.5	10.8	0.0	Light grayish yellow green	None	>100	14.3	1	1.4	<0.73	<0.84	
2018/12/1	Cloudy	8.8	0.5	7.9	0.0	Light grayish yellow green	None	>100	18.8	2	1.9	<0.80	<0.75					

# Fukushima River (Water/Nakadori Area) 2/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks				
No.	Location		Municipality					General items						Activity concentration(Bq/L)								
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium						
														Cs-134	Cs-137							
R i v e r s	61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2018/4/24	Cloudy	15.1	0.3	14.3	0.0	Light grayish yellow	Faint swamp	>100	16.1	4	3.5	<-0.77	<-0.96				
					2018/5/11	Sunny	21.4	0.5	14.2	0.0	Grayish yellow green	None	28	13.8	17	14	<-0.71	<-0.80				
					2018/6/2	Sunny	23.6	0.4	21.3	0.0	Grayish greenish yellow	None	85	15.7	6	4.0	<-0.68	<-0.75				
					2018/7/14	Sunny	31.7	0.4	25.5	0.0	Light grayish yellow	None	>100	17.3	4	2.3	<-0.70	<-0.48				
					2018/8/13	Cloudy	25.5	0.4	26.0	0.0	Grayish yellow green	None	>100	16.0	6	3.1	<-0.72	<-0.96				
					2018/9/2	Cloudy	22.2	0.5	20.3	0.0	Grayish greenish yellow	None	83	15.9	10	4.4	<-0.70	<-0.80				
					2018/10/5	Cloudy	21.8	0.7	18.3	0.0	Grayish yellow green	None	65	13.8	11	5.3	<-0.77	<-0.70				
					2018/12/17	Sunny	9.7	0.3	6.3	0.0	Grayish yellow green	None	>100	20.9	3	2.2	<-0.76	<-0.48				
					2019/1/14	Sunny	2.8	0.3	3.5	0.0	Light grayish reddish yellow	None	>100	21.3	3	2.3	<-0.62	<-0.63				
					2019/2/1	Cloudy	0.4	0.3	3.1	0.0	Light grayish greenish yellow	None	>100	22.8	4	2.5	<-0.70	<-0.80				
					62	Emochi Bridge			2018/5/1	Sunny	25.6	0.3	22.1	0.0	Grayish yellow green	None	64	17.8	6	4.9	<-0.79	<-0.97
									2018/6/10	Cloudy	19.1	0.3	21.4	0.0	Light grayish greenish yellow	None	>100	19.0	2	1.5	<-0.74	<-0.75
	2018/8/27	Cloudy	25.5	0.5					26.0	0.0	Grayish yellow green	None	>100	16.8	6	3.0	<-0.66	<-0.63				
	2018/10/6	Cloudy	21.8	0.8					19.7	0.0	Grayish yellow green	None	57	17.2	10	4.6	<-0.82	<-0.69				
	2018/11/25	Sunny	10.7	0.5					7.9	0.0	Grayish yellow green	None	>100	19.3	3	2.2	<-0.66	<-0.89				
	2018/12/18	Sunny	4.9	0.6					5.6	0.0	Grayish yellow green	None	>100	21.7	2	1.7	<-0.86	<-0.66				
	2018/5/1	Sunny	26.2	0.3					24.1	0.0	Grayish yellow green	None	45	17.3	9	5.4	<-0.73	<-0.61				
	2018/6/10	Rain	17.5	0.3					19.9	0.0	Light grayish greenish yellow	None	>100	16.6	4	2.5	<-0.59	<-0.84				
	2018/8/27	Cloudy	26.2	0.3					25.7	0.0	Grayish yellow green	None	>100	16.3	4	2.2	<-0.65	<-0.84				
	2018/10/6	Sunny	23.4	0.3					21.9	0.0	Light grayish yellow	None	97	14.9	4	2.1	<-0.63	<-0.87				
	2018/11/25	Sunny	12.3	0.3					8.9	0.0	Light grayish yellow green	None	>100	15.6	1	1.2	<-0.87	<-0.80				
	2018/12/18	Sunny	8.1	0.2					7.1	0.0	Light grayish greenish yellow	None	>100	16.3	2	1.3	<-0.89	<-0.66				
	63	Sukagawa City water intake point			2018/4/24	Rain	12.9	0.2	14.1	0.0	Light grayish reddish yellow	None	93	17.6	3	3.5	<-0.90	<-0.84				
					2018/5/14	Sunny	20.3	0.4	17.6	0.0	Grayish yellow green	None	30	13.7	19	11	<-0.66	<-0.80				
					2018/6/10	Cloudy	18.4	0.4	20.0	0.0	Grayish yellow green	None	>100	16.6	2	2.0	<-0.69	<-0.75				
					2018/7/14	Sunny	26.8	0.4	23.8	0.0	Light grayish yellow	None	>100	15.9	3	2.0	<-0.82	<-0.80				
					2018/8/7	Cloudy	19.7	0.4	22.4	0.0	Dark grayish yellow	None	35	14.6	37	12	<-0.77	<-0.80				
					2018/9/2	Cloudy	24.7	0.5	22.2	0.0	Light grayish reddish yellow	None	>100	17.2	7	3.8	<-0.62	<-0.80				
					2018/10/6	Sunny	23.8	0.8	19.8	0.0	Light grayish greenish yellow	None	96	16.2	4	2.2	<-0.70	<-0.75				
					2018/12/18	Sunny	7.8	0.4	6.0	0.0	Light grayish greenish yellow	None	>100	17.2	3	2.0	<-0.68	<-0.66				
					2019/1/14	Sunny	6.0	0.3	4.9	0.0	Light grayish yellow	None	>100	16.1	2	1.9	<-0.77	<-0.88				
					2019/2/1	Sunny	3.5	0.3	4.6	0.0	Light grayish yellow	None	>100	16.7	2	2.0	<-0.62	<-0.84				
					64	Shakado River	Before the confluence with Abukuma River		2018/5/1	Sunny	27.2	0.4	20.8	0.0	Grayish greenish yellow	None	55	21.1	13	5.6	<-0.47	<-0.75
									2018/6/10	Cloudy	17.4	0.6	18.8	0.0	Grayish greenish yellow	None	47	17.8	16	8.2	<-0.79	<-0.69
	2018/8/25	Sunny	30.4	0.3					25.5	0.0	Grayish yellow green	None	82	19.1	17	6.4	<-0.68	<-0.92				
	2018/10/7	Cloudy	24.1	0.4					20.5	0.0	Grayish greenish yellow	None	65	19.3	6	3.5	<-0.57	<-0.75				
2018/11/25	Sunny	5.5	0.3	7.5					0.0	Grayish yellow green	None	>100	25.1	5	3.5	<-0.74	<-0.69					
2018/12/19	Sunny	12.2	0.2	8.1					0.0	Light grayish yellow	None	75	27.4	4	3.9	<-0.82	<-0.80					
2018/5/3	Rain	18.5	0.6	16.3					0.0	Grayish greenish yellow	None	34	15.5	25	10	<-0.65	<-0.55					
2018/6/1	Sunny	18.8	0.4	19.1					0.0	Light grayish yellow	None	70	21.4	8	4.9	<-0.86	<-0.75					
2018/8/25	Sunny	28.5	0.2	27.2					0.0	Light grayish yellow green	None	>100	28.1	3	2.4	<-0.75	<-0.69					
2018/10/7	Cloudy	24.6	0.2	20.8					0.0	Light grayish greenish yellow	None	66	22.3	11	3.4	<-0.74	<-0.69					
2018/11/23	Sunny	5.3	0.3	7.9					0.0	Light grayish yellow green	None	>100	29.9	3	1.9	<-0.51	<-0.55					
2018/12/20	Rain	4.6	0.2	4.7					0.0	Light grayish greenish yellow	None	>100	28.0	2	1.4	<-0.65	<-0.75					
65	Sasahara River	Shinbashi Bridge		2018/5/1	Sunny	27.2	0.4	20.8	0.0	Grayish greenish yellow	None	55	21.1	13	5.6	<-0.47	<-0.75					
				2018/6/10	Cloudy	17.4	0.6	18.8	0.0	Grayish greenish yellow	None	47	17.8	16	8.2	<-0.79	<-0.69					
				2018/8/25	Sunny	30.4	0.3	25.5	0.0	Grayish yellow green	None	82	19.1	17	6.4	<-0.68	<-0.92					
				2018/10/7	Cloudy	24.1	0.4	20.5	0.0	Grayish greenish yellow	None	65	19.3	6	3.5	<-0.57	<-0.75					
				2018/11/25	Sunny	5.5	0.3	7.5	0.0	Grayish yellow green	None	>100	25.1	5	3.5	<-0.74	<-0.69					
				2018/12/19	Sunny	12.2	0.2	8.1	0.0	Light grayish yellow	None	75	27.4	4	3.9	<-0.82	<-0.80					
66	Yatagawa River	Yatagawa Bridge		2018/5/3	Rain	18.5	0.6	16.3	0.0	Grayish greenish yellow	None	34	15.5	25	10	<-0.65	<-0.55					
				2018/6/1	Sunny	18.8	0.4	19.1	0.0	Light grayish yellow	None	70	21.4	8	4.9	<-0.86	<-0.75					
				2018/8/25	Sunny	28.5	0.2	27.2	0.0	Light grayish yellow green	None	>100	28.1	3	2.4	<-0.75	<-0.69					
				2018/10/7	Cloudy	24.6	0.2	20.8	0.0	Light grayish greenish yellow	None	66	22.3	11	3.4	<-0.74	<-0.69					
				2018/11/23	Sunny	5.3	0.3	7.9	0.0	Light grayish yellow green	None	>100	29.9	3	1.9	<-0.51	<-0.55					
				2018/12/20	Rain	4.6	0.2	4.7	0.0	Light grayish greenish yellow	None	>100	28.0	2	1.4	<-0.65	<-0.75					

# Fukushima River (Water/Nakadori Area) 3/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks			
No.	Location						Municipality	General items										Activity concentration(Bq/L)		
	Water temperature (°C)	Sampling depth (m)						Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137					
R i v e r s	67	Funehiki Bridge	Tamara City	2018/5/3	Cloudy	22.1	0.6	16.4	0.0	Grayish yellow	None	30	13.7	21	14	<0.68	<0.69			
				2018/6/13	Sunny	21.9	0.2	22.2	0.0	Greenish yellowish white	None	>100	16.0	4	1.9	<0.78	<0.69			
				2018/8/5	Sunny	30.8	0.2	26.5	0.0	Light grayish yellow green	None	>100	16.7	4	2.0	<0.69	<0.48			
				2018/10/3	Cloudy	20.8	0.4	16.9	0.0	Light grayish yellow	None	66	20.7	6	2.5	<0.63	<0.63			
				2018/11/3	Sunny	8.0	0.2	8.7	0.0	Light grayish reddish yellow	None	>100	15.4	6	2.8	<0.69	<0.69			
				2018/12/4	Sunny	18.6	0.3	11.4	0.0	Light grayish yellow green	None	>100	15.1	7	2.9	<0.80	<0.85			
	68	Before the confluence with Abukuma River	Koriyama City	2018/5/2	Cloudy	23.4	0.5	16.7	0.0	Light grayish yellow green	None	>100	18.1	2	1.3	<0.61	<0.66			
				2018/6/1	Sunny	22.8	0.8	18.9	0.0	Light grayish greenish yellow	None	96	17.4	4	2.1	<0.72	<0.75			
				2018/8/25	Cloudy	30.6	0.4	27.7	0.0	Grayish yellow green	None	>100	17.7	3	2.0	<0.73	<0.88			
				2018/10/7	Cloudy	24.0	0.4	21.1	0.0	Grayish greenish yellow	None	85	18.3	4	2.8	<0.61	<0.84			
				2018/11/23	Sunny	8.0	0.4	11.4	0.0	Light grayish yellow green	None	>100	17.2	2	1.4	<0.61	<0.87			
				2018/12/20	Rain	4.6	0.6	6.9	0.0	Light grayish greenish yellow	None	>100	18.0	2	1.4	<0.65	<0.69			
	69	Before the confluence with Babagawa River	Koriyama City	2018/5/1	Sunny	21.6	0.5	15.7	0.0	Grayish greenish yellow	None	76	22.8	5	4.4	<0.91	<0.75			
				2018/6/20	Rain	18.4	0.5	18.1	0.0	Grayish yellow	None	24	15.8	26	12	<0.62	<0.88			
				2018/8/26	Cloudy	31.6	0.4	27.0	0.0	Grayish yellow green	None	>100	19.5	6	2.8	<0.65	<0.84			
				2018/10/3	Sunny	23.1	0.4	17.0	0.0	Grayish yellow green	None	59	12.8	5	3.8	<0.62	<0.63			
				2018/11/25	Sunny	13.8	0.3	8.4	0.0	Light grayish yellow green	None	>100	27.1	3	2.0	<0.72	<0.80			
				2018/12/20	Sunny	8.4	0.6	5.9	0.0	Grayish greenish yellow	None	53	21.6	8	5.1	<0.93	<0.75			
	70	Makunouchi Bridge	Koriyama City	2018/5/1	Sunny	23.6	0.8	17.3	0.0	Grayish yellow green	None	65	20.1	8	4.5	<0.69	<0.70			
				2018/6/22	Sunny	22.7	0.8	19.4	0.0	Grayish greenish yellow	None	75	18.4	9	4.8	<0.64	<0.92			
				2018/8/28	Rain	24.3	1.9	23.3	0.0	Grayish greenish yellow	None	25	11.2	22	17	<0.79	<0.63			
				2018/10/3	Sunny	25.7	0.8	20.4	0.0	Grayish yellow green	None	96	25.7	3	2.3	<0.80	<0.69			
				2018/11/23	Cloudy	6.8	1.4	9.8	0.0	Dark grayish yellow green	None	>100	46.7	5	4.0	<0.51	<0.80			
				2018/12/21	Sunny	4.5	0.8	5.0	0.0	Dark grayish yellow green	None	80	28.6	5	3.2	<0.86	<0.70			
	71	Before the confluence with Abukuma River	Koriyama City	2018/4/28	Sunny	15.3	0.2	16.4	0.0	Light grayish reddish yellow	None	53	24.6	10	6.6	<0.76	<0.91			
				2018/5/17	Cloudy	20.8	0.3	21.0	0.0	Light grayish greenish yellow	None	90	24.6	6	3.3	<0.72	<0.75			
				2018/6/1	Cloudy	21.4	0.4	21.7	0.0	Light grayish greenish yellow	None	>100	24.6	4	2.8	<0.77	<0.75			
				2018/7/15	Sunny	28.3	0.2	27.8	0.0	Light grayish yellow	None	>100	39.6	5	2.8	<0.66	<0.61			
				2018/8/1	Sunny	30.4	0.3	30.5	0.0	Light grayish yellow green	None	55	23.2	11	4.8	<0.66	<0.80			
				2018/9/11	Cloudy	19.8	0.5	21.8	0.0	Grayish greenish yellow	None	98	28.8	5	4.3	<0.61	<0.71			
	72	Abukuma River	Akutsu Bridge	2018/10/22	Sunny	8.4	0.1	16.1	0.0	Light grayish yellow	None	>100	45.6	3	2.6	<0.72	<0.87			
				2018/12/1	Cloudy	4.8	0.1	12.5	0.0	Light grayish yellow	None	20	50.2	30	23	<0.51	<0.80			
				2019/1/19	Sunny	8.3	0.2	9.7	0.0	Light grayish reddish yellow	None	31	67.2	29	11	<0.74	<0.54			
				2019/2/4	Cloudy	7.2	0.2	10.8	0.0	Light grayish reddish yellow	None	48	48.2	20	7.9	<0.67	<0.75			
				2018/4/28	Sunny	17.2	0.3	15.2	0.0	Grayish yellow	None	45	24.3	13	8.6	<0.79	<0.84			
				2018/5/17	Cloudy	24.2	0.6	19.8	0.0	Grayish yellow green	None	43	21.8	12	9.0	<0.74	<0.61			
				2018/6/1	Sunny	22.7	0.6	21.2	0.0	Light grayish yellow	None	33	19.2	28	14	<0.58	<0.69			
				2018/7/15	Sunny	30.3	0.3	27.4	0.0	Light grayish yellow	None	65	26.1	6	3.5	<0.70	<0.84			
				2018/8/1	Sunny	33.9	0.3	30.4	0.0	Light grayish yellow green	None	83	24.1	9	4.8	<0.77	<0.75			
				2018/9/11	Sunny	22.9	0.5	20.7	0.0	Grayish reddish yellow	None	24	17.7	32	16	<0.67	<0.75			
				2018/10/22	Sunny	13.8	0.6	14.8	0.0	Grayish yellow green	None	>100	24.8	2	2.0	<0.70	<0.75			
				2018/12/1	Cloudy	7.2	0.3	9.1	0.0	Light grayish greenish yellow	None	59	32.9	5	3.4	<0.70	<0.69			
2019/1/19				Sunny	7.0	0.2	4.9	0.0	Light grayish yellow	None	50	36.4	11	5.5	<0.65	<0.75				
2019/2/4				Sunny	8.0	0.2	7.3	0.0	Light grayish yellow	None	60	33.2	8	4.2	<0.70	<0.69				

# Fukushima River (Water/Nakadori Area) 4/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks		
	Location	Municipality						General items											Activity concentration(Bq/L)	
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
														Cs-134	Cs-137					
R i v e r s	73	After the confluence with Ishimuro River	Koriyama City	2018/5/2	Cloudy	22.4	0.4	15.5	0.0	Light grayish yellow green	None	71	8.3	6	4.4	<0.60	<0.80			
				2018/6/4	Sunny	28.8	0.3	23.4	0.0	Light grayish greenish yellow	None	>100	13.8	2	1.9	<0.61	<0.69			
				2018/8/5	Cloudy	31.0	0.4	26.9	0.0	Light grayish yellow green	None	>100	14.6	2	1.4	<0.80	<0.92			
				2018/10/4	Cloudy	21.5	0.5	16.3	0.0	Light grayish yellow green	None	>100	8.7	1	0.7	<0.68	<0.69			
				2018/11/2	Cloudy	15.9	0.3	11.8	0.0	Light grayish reddish yellow	None	>100	20.6	<1	0.5	<0.57	<0.84			
				2018/12/1	Rain	8.1	0.3	8.1	0.0	Grayish greenish yellow	None	97	11.8	4	1.8	<0.65	<0.75			
	74	Gohyaku River	Kamisekishita Bridge	Motomiya City	2018/5/2	Cloudy	19.8	0.5	15.7	0.0	Grayish yellow green	None	76	13.2	6	4.5	<0.61	<0.70		
					2018/6/4	Sunny	28.6	0.6	22.0	0.0	Dark grayish yellow green	None	>100	16.2	3	4.0	<0.73	<0.75		
					2018/8/5	Sunny	33.1	0.4	26.9	0.0	Light grayish yellow green	None	83	16.0	5	4.6	<0.56	<0.69		
					2018/10/4	Cloudy	22.6	0.4	17.6	0.0	Light grayish greenish yellow	None	>100	14.8	<1	0.8	<0.78	<0.63		
					2018/11/2	Cloudy	16.7	0.4	12.2	0.0	Light grayish yellow	None	>100	13.9	12	0.8	<0.79	<0.85		
					2018/12/1	Rain	9.4	0.6	7.2	0.0	Light grayish yellow green	None	>100	18.5	<1	0.7	<0.75	<0.80		
	75	Gohyaku River	Before the confluence with Abukuma River	Motomiya City	2018/4/27	Cloudy	22.0	0.3	13.5	0.0	Light grayish yellow	None	45	14.1	12	8.4	<0.80	<0.61		
					2018/5/17	Cloudy	21.7	0.3	17.3	0.0	Light grayish yellow green	None	54	17.6	7	5.5	<0.78	<0.63		
					2018/6/4	Sunny	21.7	0.2	22.2	0.0	Light grayish yellow	None	77	19.8	8	4.2	<0.71	<0.69		
					2018/7/4	Cloudy	25.8	0.2	25.2	0.0	Light grayish yellow	None	65	20.7	13	7.1	<0.61	<0.80		
					2018/8/13	Cloudy	30.4	0.1	27.0	0.0	Light grayish greenish yellow	None	85	22.0	8	4.8	<0.72	<0.84		
					2018/9/3	Cloudy	25.9	0.3	22.0	0.0	Light grayish greenish yellow	None	75	19.7	9	4.2	<0.52	<0.84		
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2018/10/4	Sunny	22.9	0.3	17.6	0.0	Light grayish greenish yellow	None	>100	15.4	3	1.6	<0.63	<0.63		
					2018/12/12	Cloudy	4.3	0.2	5.0	0.0	Grayish greenish yellow	None	28	29.6	16	10	<0.91	<0.75		
					2019/1/25	Sunny	6.9	0.2	4.6	0.0	Light grayish yellow	None	86	26.4	4	3.5	<0.72	<0.69		
					2019/2/15	Sunny	9.0	0.2	4.9	0.0	Light grayish yellow	None	>100	21.2	2	1.7	<0.88	<0.66		
					2018/4/27	Cloudy	18.4	0.6	14.6	0.0	Grayish yellow	None	38	17.1	16	10	<0.77	<0.92		
					2018/5/14	Sunny	20.2	0.8	15.8	0.0	Grayish greenish yellow	None	27	17.6	21	6.3	<0.69	<0.70		
					2018/6/1	Sunny	21.2	0.6	20.4	0.0	Grayish yellow	None	36	18.9	44	17	<0.77	<0.63		
					2018/7/18	Sunny	31.5	0.5	29.0	0.0	Grayish yellow green	None	86	24.0	4	2.1	<0.70	<0.63		
					2018/8/6	Cloudy	23.6	0.5	26.3	0.0	Grayish greenish yellow	None	74	25.8	18	8.3	<0.72	<0.69		
					2018/9/1	Cloudy	22.0	0.5	23.8	0.0	Grayish yellow green	None	38	17.7	21	11	<0.49	<0.63		
					2018/10/5	Sunny	20.8	0.5	18.5	0.0	Grayish yellow	None	52	21.0	11	6.6	<0.76	<0.85		
					2018/12/4	Sunny	15.0	0.8	8.7	0.0	Grayish greenish yellow	None	93	26.0	4	2.7	<0.74	<0.70		
77	Kuchibuto River	Kuchibutogawa Bridge	Nihonmatsu City	2019/1/24	Sunny	3.8	0.3	4.9	0.0	Light grayish reddish yellow	None	>100	32.5	3	2.4	<0.71	<0.70			
				2019/2/16	Cloudy	5.2	0.3	1.4	0.0	Light grayish yellow	None	>100	18.9	4	3.0	<0.66	<0.61			
				2018/5/13	Cloudy	18.5	0.4	12.1	0.0	Light grayish yellow	None	>100	11.1	4	2.4	<0.79	<0.92			
				2018/6/19	Cloudy	26.0	0.4	15.9	0.0	Light grayish yellow	None	>100	12.7	3	2.0	<0.78	<0.75			
				2018/8/5	Sunny	30.7	0.4	21.9	0.0	Light grayish yellow	None	>100	16.8	4	2.8	<0.74	<0.92			
				2018/10/20	Cloudy	15.2	0.4	13.1	0.0	Grayish greenish yellow	None	>100	12.8	<1	1.0	<0.75	<0.71			
2018/11/3	Sunny	17.4	0.3	10.2	0.0	Light grayish yellow	None	>100	12.5	<1	0.6	<0.82	<0.88							
2018/12/14	Snow	1.2	0.3	3.1	0.0	Grayish yellow green	None	>100	14.0	2	1.3	<0.80	<0.80							

# Fukushima River (Water/Nakadori Area) 5/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks				
No.	Location		Municipality					General items						Activity concentration(Bq/L)								
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium						
													Cs-134	Cs-137								
R i v e r s	78	Utsushi River	Osegawa Bridge	Nihonmatsu City	2018/4/26	Sunny	19.0	0.4	12.5	0.0	Dark grayish yellow	None	27	13.0	15	11	<0.68	<0.66				
					2018/5/14	Sunny	23.0	0.6	15.9	0.0	Grayish greenish yellow	None	49	15.1	10	3.9	<0.80	<0.75				
					2018/6/7	Sunny	25.2	0.4	18.8	0.0	Light grayish greenish yellow	None	95	16.8	4	2.0	<0.67	<0.80				
					2018/7/18	Sunny	31.3	0.4	24.1	0.0	Light grayish yellow green	None	>100	16.8	4	2.0	<0.59	<0.69				
					2018/8/6	Rain	22.8	0.6	23.5	0.0	Light grayish yellow green	None	93	17.3	8	2.8	<0.80	<0.84				
					2018/9/1	Cloudy	22.2	0.4	21.1	0.0	Grayish yellow green	None	87	16.2	11	3.1	<0.58	<0.75				
					2018/10/5	Cloudy	22.1	0.5	15.7	0.0	Light grayish greenish yellow	None	>100	15.3	4	2.4	<0.81	<0.69				
					2018/12/4	Sunny	17.5	0.5	8.4	0.0	Light grayish yellow	None	>100	16.3	2	1.4	<0.61	<0.74				
					2019/1/24	Sunny	3.0	0.3	2.4	0.0	Light grayish yellow green	None	>100	20.5	<1	0.5	<0.58	<0.84				
					2019/2/16	Cloudy	5.2	0.3	4.0	0.0	Light grayish reddish yellow	None	>100	29.2	<1	0.5	<0.73	<0.80				
					79	Mizuhara River	Getouchi Bridge	Fukushima City	2018/5/4	Rain	10.8	0.6	13.2	0.0	Grayish greenish yellow	None	27	17.2	19	16	<0.69	<0.88
									2018/6/1	Sunny	22.4	0.3	23.4	0.0	Grayish greenish yellow	None	28	18.1	10	9.4	<0.84	<0.75
	2018/8/4	Sunny	30.3	0.2					26.2	0.0	Light grayish yellow	None	>100	21.1	3	2.3	<0.65	<0.61				
	2018/10/5	Cloudy	22.9	0.3					18.1	0.0	Light grayish yellow	None	>100	10.0	3	2.3	<0.75	<0.75				
	2018/11/4	Sunny	21.3	0.5					11.8	0.0	Grayish greenish yellow	None	42	11.6	13	14	<0.83	<0.69				
	2018/12/5	Sunny	11.6	0.3					10.8	0.0	Grayish greenish yellow	None	57	11.1	5	4.3	<0.78	<0.75				
	80	Megami River	Tsurumaki Bridge	Fukushima City	2018/5/4	Cloudy	13.6	0.4	14.4	0.0	Grayish yellow	None	27	19.8	20	16	<0.77	<0.48				
					2018/6/7	Sunny	30.7	0.3	29.9	0.0	Light grayish yellow	None	73	26.8	5	2.5	<0.66	<0.84				
					2018/8/4	Sunny	31.4	0.1	28.5	0.0	Light grayish yellow green	None	>100	30.3	3	1.4	<0.77	<0.88				
					2018/10/6	Sunny	24.3	0.3	20.8	0.0	Greenish yellowish white	None	>100	25.7	2	1.3	<0.70	<0.84				
					2018/11/4	Sunny	23.2	0.2	12.7	0.0	Light grayish greenish yellow	None	>100	28.9	<1	1.3	<0.51	<0.80				
					2018/12/5	Sunny	11.6	0.3	11.6	0.0	Light grayish greenish yellow	None	>100	28.6	1	0.9	<0.57	<0.75				
	81	Abukuma River	Horai Bridge	Fukushima City	2018/4/27	Cloudy	16.3	0.6	14.5	0.0	Grayish reddish yellow	None	25	14.2	20	16	<0.51	<0.69				
					2018/5/14	Sunny	22.1	0.8	17.5	0.0	Grayish yellow green	None	34	17.8	15	10	<0.80	<0.55				
					2018/6/3	Sunny	24.9	0.5	21.4	0.0	Grayish yellow	None	58	17.9	6	4.3	<0.85	<0.84				
					2018/7/17	Cloudy	30.0	0.3	29.1	0.0	Grayish yellow green	None	72	21.7	4	3.1	<0.80	<0.88				
					2018/8/1	Sunny	34.7	0.6	29.3	0.0	Light grayish yellow green	None	60	20.8	5	3.3	<0.65	<0.78				
					2018/9/1	Cloudy	23.8	0.5	24.1	0.0	Grayish yellow green	None	30	15.9	14	13	<0.73	<0.87				
					2018/10/14	Sunny	16.7	0.4	16.9	0.0	Light grayish yellow	None	86	18.1	5	3.4	<0.68	<0.88				
					2018/12/8	Cloudy	7.0	0.4	9.0	0.0	Light grayish greenish yellow	None	>100	25.2	3	2.0	<0.68	<0.75				
					2019/1/20	Cloudy	0.4	0.3	2.9	0.0	Light grayish reddish yellow	None	>100	28.3	2	1.7	<0.77	<0.75				
					2019/2/11	Sunny	2.7	0.3	4.8	0.0	Light grayish reddish yellow	None	85	25.9	3	2.0	<0.59	<0.75				
					82	Nigori River	Before the confluence with Omori River	Fukushima City	2018/5/5	Sunny	12.9	0.3	14.9	0.0	Grayish greenish yellow	None	37	23.4	19	12	<0.47	<0.54
									2018/6/3	Sunny	28.9	0.3	24.1	0.0	Grayish greenish yellow	None	37	29.4	14	8.7	<0.84	<0.88
	2018/8/1	Sunny	35.3	0.3					29.8	0.0	Grayish yellow	None	51	34.7	9	6.8	<0.73	<0.70				
	2018/10/14	Cloudy	15.6	0.4					16.3	0.0	Light grayish yellow	None	86	19.8	5	4.6	<0.68	<0.80				
	2018/11/1	Sunny	14.5	0.3					14.6	0.0	Grayish greenish yellow	None	71	26.5	4	4.2	<0.70	<0.84				
	2018/12/8	Sunny	8.0	0.3					10.0	0.0	Grayish greenish yellow	None	68	30.1	5	4.5	<0.70	<0.75				
	83	Arakawa River	Hinokura Bridge	Fukushima City	2018/5/5	Sunny	12.9	0.3	13.3	0.0	Light grayish yellow green	None	>100	17.0	3	1.6	<0.76	<0.84				
					2018/6/4	Sunny	22.9	0.4	19.1	0.0	Greenish yellowish white	None	>100	26.1	1	1.2	<0.75	<0.69				
					2018/8/2	Sunny	32.2	0.3	27.7	0.0	Light grayish greenish yellow	None	>100	27.6	1	1.4	<0.69	<0.88				
					2018/10/9	Sunny	21.1	0.4	17.9	0.0	Light grayish yellow green	None	>100	23.9	<1	0.9	<0.76	<0.75				
2018/11/1					Sunny	11.5	0.2	11.1	0.0	Light grayish yellow green	None	>100	25.1	2	1.8	<0.82	<0.84					
2018/12/6					Rain	2.7	0.5	8.7	0.0	Light grayish greenish yellow	None	>100	30.1	1	0.8	<0.77	<0.75					



# Fukushima River (Water/Nakadori Area)6/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks											
							General items		Color		Odor	Transparency	Electrical conductivity	SS	Turbidity	Activity concentration(Bq/L)												
No.	Location	Municipality					Water temperature (°C)	Sampling depth (m)																				
R i v e r s	84	Sukawa River	Sukawa Bridge	Fukushima City	2018/5/5	Sunny	16.7	0.4	14.6	0.0	Light grayish yellow green	None	>100	45.2	<1	0.5	<0.73	<0.66										
					2018/6/4	Sunny	27.8	0.5	19.3	0.0	Greenish yellowish white	None	>100	61.1	<1	0.2	<0.57	<0.69										
					2018/8/2	Sunny	33.5	0.3	24.3	0.0	Light grayish yellow green	None	>100	67.9	<1	0.4	<0.83	<0.78										
					2018/10/9	Sunny	23.5	0.4	17.6	0.0	Greenish yellowish white	None	>100	55.7	1	0.3	<0.75	<0.80										
					2018/11/1	Sunny	14.7	0.2	12.0	0.0	Light grayish yellow green	None	>100	66.7	<1	0.2	<0.65	<0.84										
					2018/12/6	Rain	3.4	0.4	8.0	0.0	Greenish yellowish white	None	>100	72.9	<1	0.2	<0.71	<0.63										
	85	Arakawa River	Before the confluence with Abukuma River	Fukushima City	2018/4/28	Sunny	24.3	0.4	17.5	0.0	Light grayish yellowish green	None	65	22.1	11	4.9	<0.41	<0.70										
					2018/5/15	Sunny	29.6	0.8	21.1	0.0	Grayish yellowish green	None	51	26.5	14	6.1	<0.65	<0.70										
					2018/6/3	Sunny	30.6	0.5	23.1	0.0	Grayish green	None	43	33.6	14	5.6	<0.68	<0.84										
					2018/7/17	Sunny	34.1	0.3	24.7	0.0	Light grayish yellowish green	None	53	35.6	14	5.8	<0.68	<0.69										
					2018/8/1	Sunny	36.4	0.5	29.3	0.0	Yellow greenish pale gray	None	42	38.0	11	5.5	<0.69	<0.63										
					2018/9/2	Cloudy	20.2	0.4	19.2	0.0	Light grayish yellowish green	None	70	27.9	10	4.6	<0.52	<0.75										
					2018/10/14	Cloudy	18.3	0.5	16.4	0.0	Light grayish green	None	62	30.5	12	5.0	<0.76	<0.69										
					2018/12/8	Cloudy	6.2	0.6	9.4	0.0	Light grayish green	None	54	35.0	14	7.2	<0.61	<0.87										
					2019/1/20	Cloudy	3.1	0.3	6.3	0.0	Light grayish blue green	None	45	35.9	14	8.0	<0.79	<0.61										
					2019/2/11	Cloudy	0.7	0.4	4.9	0.0	Light grayish blue green	None	52	35.2	12	6.9	<0.73	<0.75										
					2018/4/28	Sunny	19.7	0.3	12.7	0.0	Light grayish yellow green	None	>100	13.0	4	3.0	<0.69	<0.88										
					86	Matsukawa River	Before the confluence with Abukuma River	Fukushima City	2018/5/15	Sunny	28.1	0.3	17.8	0.0	Light grayish greenish yellow	None	>100	15.5	4	1.9	<0.51	<0.69						
	2018/6/5	Sunny	26.5	0.3					20.4	0.0	Yellow greenish white	None	>100	19.9	<1	0.7	<0.69	<0.80										
	2018/7/18	Sunny	29.6	0.3					22.1	0.0	Light grayish yellow green	None	>100	21.6	<1	0.6	<0.72	<0.75										
	2018/8/2	Sunny	30.3	0.2					23.5	0.0	Light grayish yellow	None	>100	22.5	<1	0.7	<0.77	<0.81										
	2018/9/2	Cloudy	22.6	0.4					19.5	0.0	Light grayish yellow green	None	>100	17.3	4	3.0	<0.72	<0.84										
	2018/10/10	Sunny	21.9	0.4					17.8	0.0	Greenish yellowish white	None	>100	19.9	2	1.2	<0.72	<0.80										
	2018/12/10	Sunny	3.2	0.4					3.9	0.0	Light grayish yellow green	None	>100	21.1	4	2.6	<0.58	<0.75										
	2019/1/20	Sunny	9.0	0.2					6.0	0.0	Light grayish yellow green	None	>100	22.6	5	3.6	<0.74	<0.80										
	2019/2/11	Cloudy	-0.5	0.2					2.5	0.0	Light grayish yellow green	None	>100	22.2	3	2.8	<0.75	<0.75										
	2018/5/6	Sunny	27.3	0.6					15.5	0.0	Grayish yellow green	None	>100	18.1	4	2.4	<0.74	<0.70										
	87	Hattanda River	Hattanda Bridge	Fukushima City					2018/6/11	Rain	17.6	0.6	16.6	0.0	Grayish yellow	None	53	20.8	18	7.5	<0.82	<0.75						
									2018/8/3	Sunny	33.0	0.5	25.7	0.0	Light grayish yellow	None	>100	24.4	3	2.0	<0.81	<0.75						
					2018/10/10	Cloudy	22.4	0.5	18.2	0.0	Light grayish yellow green	None	>100	21.7	2	1.7	<0.83	<0.63										
					2018/11/3	Sunny	15.1	0.3	12.0	0.0	Light grayish greenish yellow	None	92	24.3	4	2.7	<0.78	<0.80										
					2018/12/10	Sunny	4.5	0.6	4.9	0.0	Light grayish greenish yellow	None	>100	21.0	3	2.0	<0.87	<0.88										
					2018/5/6	Sunny	28.5	0.8	14.3	0.0	Grayish yellow green	None	>100	5.7	2	1.7	<0.71	<0.75										
	88	Surikami River	Totsuna Bridge	Fukushima City	2018/6/4	Sunny	30.7	0.4	17.6	0.0	Grayish yellow	None	37	5.7	24	5.7	<0.67	<0.75										
					2018/8/16	Cloudy	28.2	0.5	21.3	0.0	Light grayish yellow green	None	>100	6.8	3	1.3	<0.51	<0.75										
					2018/10/9	Sunny	25.7	0.4	17.6	0.0	Grayish yellow green	None	>100	8.0	3	1.6	<0.88	<0.63										
					2018/11/3	Sunny	18.3	0.7	13.5	0.0	Light grayish greenish yellow	None	>100	6.9	1	1.2	<0.72	<0.69										
					2018/12/6	Rain	3.7	0.4	7.8	0.0	Dark grayish yellow green	None	>100	7.2	1	1.3	<0.72	<0.80										

# Fukushima River (Water/Nakadori Area) 7/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks	
	No.	Location						Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L)			
																Cs-134	Cs-137		
R i v e r s	89	Surikami River	Before the confluence with Abukuma River	Fukushima City	2018/4/28	Sunny	22.4	0.3	12.4	0.0	Light grayish yellow	None	>100	6.1	1	1.4	<-0.59	<-0.55	
					2018/5/15	Sunny	23.5	0.3	16.9	0.0	Light grayish yellow green	None	>100	8.4	2	1.2	<-0.63	<-0.60	
					2018/6/11	Rain	17.4	0.3	15.6	0.0	Greenish yellowish white	None	>100	11.9	3	1.7	<-0.66	<-0.75	
					2018/7/18	Sunny	35.8	0.3	26.2	0.0	Light grayish yellow	None	>100	8.4	3	1.4	<-0.58	<-0.84	
					2018/8/3	Sunny	31.1	0.2	25.3	0.0	Light grayish yellow green	None	>100	8.8	2	1.4	<-0.55	<-0.61	
					2018/9/2	Cloudy	22.9	0.3	21.4	0.0	Light grayish yellow	None	>100	9.9	<1	0.7	<-0.79	<-0.75	
					2018/10/10	Cloudy	22.9	0.3	17.9	0.0	Light grayish yellow	None	>100	10.2	2	1.8	<-0.68	<-0.84	
					2018/12/10	Sunny	5.1	0.5	8.2	0.0	Light grayish yellow	None	>100	10.5	1	0.9	<-0.67	<-0.69	
					2019/1/20	Sunny	9.9	0.3	5.6	0.0	Light grayish reddish yellow	None	>100	16.5	1	1.3	<-0.79	<-0.66	
					2019/2/10	Sunny	-0.7	0.2	3.5	0.0	Light grayish reddish yellow	None	>100	14.3	<1	0.8	<-0.73	<-0.55	
	90	Abukuma River	Taisho Bridge	Date City	2018/4/27	Cloudy	23.0	0.5	14.9	0.0	Grayish yellow green	None	48	14.7	13	10	<-0.83	<-0.88	
					2018/5/15	Sunny	18.4	0.8	16.2	0.0	Grayish yellow green	None	38	17.5	16	9.9	<-0.79	<-0.63	
					2018/6/5	Sunny	22.3	0.5	20.2	0.0	Grayish greenish yellow	None	73	18.5	6	3.8	<-0.77	<-0.84	
					2018/7/19	Sunny	31.3	0.4	26.6	0.0	Grayish greenish yellow	None	62	22.3	9	4.0	<-0.65	<-0.96	
					2018/8/3	Sunny	32.9	0.8	28.4	0.0	Light grayish yellow	None	55	22.2	6	4.7	<-0.65	<-0.63	
					2018/9/2	Cloudy	24.7	0.6	22.8	0.0	Grayish yellow green	None	55	16.8	12	8.8	<-0.70	<-0.92	
					2018/10/10	Cloudy	21.4	0.6	19.8	0.0	Grayish yellow green	None	82	19.2	5	3.3	<-0.80	<-0.80	
					2018/12/10	Sunny	6.5	0.5	7.7	0.0	Grayish greenish yellow	None	86	23.9	5	3.1	<-0.72	<-0.88	
					2019/1/22	Sunny	4.1	0.4	5.8	0.0	Light grayish yellow	None	93	25.9	4	3.1	<-0.71	<-0.63	
					2019/2/10	Sunny	0.6	0.3	3.3	0.0	Light grayish greenish yellow	None	93	23.8	4	2.7	<-0.74	<-0.75	
	91	Hirose River	Tatenokoshi Bridge	Kawamata Town	2018/5/4	Sunny	14.2	0.2	16.3	0.0	Light grayish greenish yellow	None	43	10.3	15	6.0	<-0.55	<-0.75	
					2018/6/7	Sunny	29.7	0.3	23.6	0.0	Grayish yellow	None	42	12.0	10	4.4	<-0.74	<-0.84	
					2018/8/4	Sunny	32.7	0.2	27.0	0.0	Light grayish yellow green	None	87	11.9	3	2.9	<-0.69	<-0.78	
					2018/10/6	Sunny	30.6	0.4	20.4	0.0	Light grayish yellow green	None	85	11.5	6	2.5	<-0.60	<-0.80	
					2018/11/4	Sunny	18.0	0.3	10.6	0.0	Light grayish yellow green	None	>100	11.3	3	1.5	<-0.65	<-0.75	
		92	Hirose River	Jizogawara Bridge	Date City	2018/12/5	Cloudy	13.3	0.3	11.1	0.0	Light grayish greenish yellow	None	>100	10.7	1	0.7	<-0.61	<-0.63
						2018/5/6	Sunny	18.6	0.3	14.1	0.0	Light grayish greenish yellow	None	>100	15.4	2	2.2	<-0.76	<-0.81
						2018/6/2	Sunny	20.8	0.4	17.5	0.0	Light grayish yellow green	None	>100	15.4	2	2.1	<-0.68	<-0.75
						2018/8/16	Cloudy	28.0	0.3	24.9	0.0	Light grayish greenish yellow	None	>100	15.1	2	1.5	<-0.56	<-0.66
						2018/10/13	Sunny	13.1	0.5	14.0	0.0	Light grayish greenish yellow	None	>100	14.6	1	1.3	<-0.61	<-0.75
93	Oguni River	Before the confluence with Hirose River	Date City	2018/11/3	Sunny	10.0	0.2	9.5	0.0	Greenish yellowish white	None	>100	15.9	<1	0.8	<-0.58	<-0.75		
				2018/12/12	Snow	2.2	0.5	2.6	0.0	Greenish yellowish white	None	>100	16.4	1	0.9	<-0.60	<-0.69		
				2018/4/27	Cloudy	18.7	0.2	14.5	0.0	Grayish yellow green	None	70	17.2	9	7.1	<-0.49	<-0.61		
				2018/5/16	Sunny	24.8	0.4	22.2	0.0	Grayish greenish yellow	None	45	21.1	14	7.8	<-0.58	<-0.69		
				2018/6/2	Sunny	21.9	0.2	23.4	0.0	Light grayish greenish yellow	None	64	28.4	7	4.5	<-0.77	<-0.80		
				2018/7/19	Sunny	35.8	0.3	32.5	0.0	Grayish greenish yellow	None	83	29.3	6	3.2	<-0.86	<-0.55		
				2018/8/16	Cloudy	28.6	0.2	27.0	0.0	Grayish yellow	None	>100	27.1	5	3.0	<-0.72	<-0.69		
				2018/9/3	Cloudy	25.3	0.3	23.5	0.0	Light grayish greenish yellow	None	>100	23.7	4	2.6	<-0.83	<-0.80		
				2018/10/13	Sunny	16.9	0.5	16.8	0.0	Grayish greenish yellow	None	92	21.9	6	4.0	<-0.76	<-0.80		
				2018/12/12	Cloudy	2.5	0.5	4.0	0.0	Grayish yellow	None	68	30.5	9	4.0	<-0.53	<-0.80		
2019/1/23	Sunny	-1.4	0.3	2.7	0.0	Light grayish reddish yellow	None	>100	28.0	7	3.2	<-0.74	<-0.84						
2019/2/10	Sunny	2.8	0.3	3.9	0.0	Light grayish reddish yellow	None	>100	28.7	6	3.9	<-0.89	<-0.55						

# Fukushima River (Water/Nakadori Area) 8/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks		
	No.	Location						General items											Activity concentration(Bq/L)	
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
R i v e r s	94	Hirose River	Before the confluence with Abukuma River	Date City	2018/4/27	Cloudy	17.9	0.2	16.5	0.0	Light grayish yellow green	None	>100	14.8	6	3.5	<0.71	<0.80		
					2018/5/16	Sunny	28.7	0.2	24.2	0.0	Light grayish greenish yellow	None	85	17.4	8	3.6	<0.65	<0.66		
					2018/6/2	Sunny	26.8	0.3	27.0	0.0	Greenish yellowish white	None	>100	17.9	3	2.0	<0.74	<0.80		
					2018/7/19	Cloudy	31.4	0.3	30.2	0.0	Light grayish yellow green	None	>100	19.4	5	2.1	<0.76	<0.88		
					2018/8/15	Sunny	33.8	0.2	31.8	0.0	Light grayish greenish yellow	None	>100	16.5	3	1.6	<0.66	<0.48		
					2018/9/3	Cloudy	24.3	0.2	22.9	0.0	Light grayish yellow green	None	>100	17.6	3	1.9	<0.83	<0.80		
					2018/10/13	Cloudy	19.2	0.2	18.1	0.0	Light grayish greenish yellow	None	>100	16.6	2	1.4	<0.74	<0.75		
					2018/12/12	Sunny	2.7	0.3	4.8	0.0	Grayish yellow	None	33	17.5	27	11	<0.70	<0.80		
					2019/1/24	Snow	-0.7	0.2	2.0	0.0	Light grayish reddish yellow	None	>100	21.7	2	1.3	<0.71	<0.66		
					2019/2/10	Sunny	3.2	0.2	4.7	0.0	Light grayish yellow	None	>100	21.9	2	1.6	<0.58	<0.88		
					2018/5/8	Cloudy	10.6	0.4	12.7	0.0	Grayish yellow green	None	>100	9.0	3	2.0	<0.69	<0.88		
					2018/6/6	Cloudy	20.3	0.5	18.7	0.0	Grayish yellow green	None	>100	9.8	5	1.8	<0.79	<0.75		
	95	Kurokawa River	Prefectural border with Tochigi	Shirakawa City	2018/8/11	Sunny	28.9	0.6	22.2	0.0	Dark grayish yellow green	None	>100	8.9	6	1.6	<0.58	<0.96		
					2018/10/4	Cloudy	19.7	0.7	17.4	0.0	Grayish yellow green	None	>100	8.5	1	0.6	<0.63	<0.84		
					2018/11/3	Sunny	8.4	0.5	11.2	0.0	Light grayish yellow green	None	>100	9.2	<1	0.5	<0.63	<0.69		
					2018/12/5	Cloudy	12.9	0.5	10.9	0.0	Light grayish yellow green	None	>100	10.0	2	1.2	<0.63	<0.80		
					2018/5/12	Sunny	20.8	0.3	14.2	0.0	Light grayish yellow green	None	50	11.4	9	8.1	<0.65	<0.70		
					2018/6/3	Sunny	24.7	0.3	21.7	0.0	Light grayish yellow green	None	>100	14.3	3	2.8	<0.87	<0.69		
	96	Kujigawa River	Matsuoka Bridge	Tanagura Town	2018/8/13	Cloudy	28.6	0.3	22.8	0.0	Light grayish yellow green	None	>100	14.0	3	1.5	<0.78	<0.75		
					2018/10/7	Sunny	28.4	0.3	20.4	0.0	Light grayish yellow green	None	>100	11.3	2	0.9	<0.76	<0.84		
					2018/11/4	Sunny	16.0	0.4	13.2	0.0	Light grayish yellow green	None	>100	13.6	<1	0.7	<0.75	<0.84		
					2018/12/2	Sunny	8.2	0.3	8.7	0.0	Light grayish yellow green	None	>100	15.8	1	0.8	<0.63	<0.80		
					2018/5/12	Cloudy	22.3	0.4	14.6	0.0	Grayish yellow green	None	81	10.1	6	2.8	<0.69	<0.80		
					2018/6/7	Sunny	24.1	0.5	21.0	0.0	Grayish yellow green	None	>100	12.1	3	1.8	<0.61	<0.84		
97	Kujigawa River	Takachihara Bridge	Yamatsuri Town	2018/8/13	Cloudy	28.7	0.6	23.2	0.0	Grayish yellow green	None	>100	11.1	5	2.0	<0.83	<0.63			
				2018/10/7	Sunny	30.1	0.6	21.6	0.0	Light grayish yellow green	None	>100	10.3	4	1.8	<0.63	<0.80			
				2018/11/4	Cloudy	17.7	0.5	11.6	0.0	Light grayish yellow green	None	>100	10.6	<1	0.7	<0.66	<0.75			
				2018/12/2	Cloudy	11.2	0.5	7.1	0.0	Light grayish yellow green	None	>100	11.1	1	0.7	<0.60	<0.54			

# Fukushima River (Sediment/Nakadori Area) 1/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Activity concentration [Bq/kg(dry)]			Remarks
No.	Location		Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odo	General items						Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium							
												Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)		Fine sand				Silt	Clay	Co-134	Cs-137	Total			
54	Habuto Bridge	Nishigo Village	2018/5/8	Cloudy	10.2	0.3	11.7	3	Grayish yellowish brown	None	0.0	0.5	4.5	17.6	67.3	7.3	0.6	2.2	73.3	2.700	Sand	<6.6	17	17				
			2018/6/2	Sunny	24.7	0.3	20.6	3	Grayish yellowish brown	None	0.0	0.0	0.1	8.2	86.0	3.6	0.1	2.0	68.2	2.607	Sand	<6.5	19	19				
			2018/8/12	Cloudy	26.5	0.5	20.7	3	Brownish gray	Faint swamp	0.0	0.2	0.9	9.1	73.6	13.5	0.4	2.0	70.4	2.667	Sand	<6.5	28	28				
			2018/10/4	Cloudy	19.6	0.5	15.6	3	Brownish gray	None	0.0	3.2	8.4	28.8	52.2	3.9	0.9	1.7	77.7	2.701	Sand/gravel	<4.4	20	20				
			2018/11/2	Sunny	15.7	0.4	12.8	3	Brownish gray	None	0.0	0.3	8.4	38.9	46.9	2.7	0.1	2.7	73.7	2.690	Sand/gravel	<6.1	17	17				
			2018/12/2	Sunny	11.9	0.4	9.2	3	Brownish gray	None	0.0	0.5	3.7	27.6	59.4	5.9	0.1	2.8	73.0	2.700	Sand	<6.7	20	20				
	55	Abukuma River	Nishigo Village	2018/4/24	Rain	14.3	0.3	12.1	3	Grayish yellowish brown	None	0.0	23.6	11.5	17.3	40.1	4.6	0.9	2.1	78.5	2.917	Gravel/sand	<3.7	20	20			
				2018/5/10	Cloudy	16.3	0.3	12.8	3	Brownish gray	Faint swamp	0.0	7.3	10.1	25.8	51.1	3.2	0.9	1.6	76.0	2.741	Sand/gravel	<5.1	14	14			
				2018/6/2	Sunny	21.4	0.3	21.6	3	Brownish gray	Faint swamp	0.0	4.4	10.3	44.1	39.0	0.5	0.1	1.7	75.8	2.742	Sand/gravel	<4.7	47	47			
				2018/7/14	Sunny	29.7	0.2	24.3	3	Blackish brown	Faint swamp	0.0	14.6	10.4	18.6	49.6	5.3	0.1	1.4	81.4	3.028	Gravel/sand	<4.3	7.1	7.1			
				2018/8/7	Cloudy	19.5	0.3	20.3	3	Brownish gray	Faint swamp	0.0	0.0	1.0	22.9	70.8	1.5	1.0	2.9	72.1	2.696	Sand	<6.3	41	41			
				2018/9/2	Rain	26.7	0.3	19.2	3	Grayish yellowish brown	None	0.0	3.7	20.1	47.6	26.1	0.3	0.8	1.5	79.6	2.729	Sand/gravel	<4.1	31	31			
Tamachi-obashi Bridge		Shirakawa City	2018/10/4	Cloudy	20.5	0.3	17.4	3	Brownish gray	None	0.0	0.3	3.1	49.0	43.9	0.8	1.1	1.9	76.2	2.681	Sand	<6.0	26	26				
			2018/12/4	Sunny	18.0	0.4	13.2	3	Grayish yellowish brown	None	0.0	0.0	0.3	12.3	77.7	5.6	1.1	2.9	68.4	2.651	Sand	<8.7	36	36				
			2019/1/4	Sunny	-1.5	0.2	3.8	3	Grayish yellowish brown	None	0.0	11.3	9.5	21.2	47.4	7.7	0.7	2.1	81.3	3.245	Sand/gravel	<4.2	13	13				
			2019/2/1	Cloudy	0.2	0.3	2.8	5	Grayish yellowish brown	None	0.0	6.8	8.7	23.7	50.2	5.7	1.6	3.2	78.3	2.738	Sand/gravel	<5.7	17	17				
			2018/5/8	Cloudy	9.8	1.4	13.2	3	Brownish gray	None	0.0	11.5	15.5	29.7	41.3	0.5	0.1	1.4	79.4	2.674	Sand/gravel	19	120	139				
			2018/6/2	Sunny	20.7	1.4	17.8	3	Brownish gray	Faint swamp	0.0	22.8	27.5	28.9	19.1	0.8	0.0	1.0	80.1	2.732	Sand/gravel	12	110	122				
56	Yanta River	Before the confluence with Abukuma River	2018/8/12	Cloudy	25.0	1.3	21.6	3	Brownish gray	Faint swamp	0.0	16.3	15.7	38.2	28.1	0.4	0.1	1.3	81.9	2.679	Sand/gravel	11	110	121				
			2018/10/5	Cloudy	20.2	1.3	18.1	3	Brownish gray	Faint swamp	0.0	3.3	12.9	47.8	33.3	0.3	0.6	1.9	76.9	2.639	Sand/gravel	12	110	122				
			2018/11/3	Cloudy	13.8	1.0	14.4	3	Brownish gray	Faint swamp	0.0	29.7	25.7	31.1	11.9	0.3	0.0	1.2	81.1	2.703	Gravel/sand	8.1	91	99.1				
			2018/12/1	Cloudy	11.1	1.3	11.3	3	Brownish gray	Faint swamp	0.0	25.3	24.6	31.4	16.4	0.4	0.3	1.6	80.9	2.743	Gravel/sand	9.2	100	109.2				
			2018/5/12	Cloudy	16.1	0.6	14.1	3	Grayish yellowish brown	Faint swamp	2.2	22.9	19.5	23.4	28.4	2.0	0.6	1.1	78.3	2.846	Sand/gravel	5.1	36	41.1				
			2018/6/3	Sunny	20.8	0.5	20.6	3	Grayish yellowish brown	Faint swamp	0.0	25.0	22.6	20.0	26.6	3.7	0.5	1.5	79.3	2.875	Sand/gravel	<5.1	43	43				
	Yashiro River	Yashingawa Bridge	Tanagura Town	2018/8/12	Cloudy	28.9	0.6	23.8	3	Grayish yellowish brown	Faint swamp	0.0	28.7	20.3	17.0	29.8	2.7	0.3	1.2	79.6	2.978	Sand/gravel	<4.9	35	35			
				2018/10/7	Sunny	25.1	0.6	19.5	3	Blackish brown	Faint swamp	0.0	21.3	23.8	18.6	30.2	4.1	0.8	1.3	80.7	2.848	Sand/gravel	<5.4	35	35			
				2018/11/4	Cloudy	10.6	0.5	11.2	3	Blackish brown	None	0.0	23.3	25.7	20.0	27.6	2.0	0.0	1.4	80.9	2.956	Sand/gravel	<4.9	23	23			
				2018/12/2	Sunny	1.3	0.5	6.4	3	Blackish brown	None	1.7	18.4	19.7	21.0	34.9	2.5	0.6	1.1	84.2	3.096	Sand/gravel	<5.3	29	29			
				2018/5/11	Sunny	19.1	0.3	11.4	3	Grayish yellowish brown	None	0.0	0.7	13.7	27.3	51.3	4.5	0.9	1.7	73.0	2.696	Sand/gravel	<5.5	14	14			
				2018/6/4	Sunny	22.7	0.2	19.1	3	Grayish yellowish brown	Faint swamp	0.0	6.1	12.4	40.1	34.7	4.3	0.8	1.6	76.1	2.695	Sand/gravel	<5.0	15	15			
58	Kitasu River	Yanagi Bridge	Hirata Village	2018/8/10	Sunny	31.2	0.3	22.8	3	Grayish yellowish brown	Faint swamp	0.0	0.1	3.6	29.2	51.7	10.6	1.4	3.4	72.2	2.643	Sand/gravel	<5.8	22	22			
				2018/10/3	Cloudy	19.6	0.3	16.7	3	Grayish yellowish brown	None	0.0	0.3	8.0	37.2	42.1	9.7	0.0	2.7	75.1	2.682	Sand	<5.2	18	18			
				2018/11/9	Cloudy	16.0	0.3	12.6	3	Grayish yellowish brown	None	0.0	1.7	10.5	26.9	55.3	2.2	0.9	2.5	73.3	2.708	Sand/gravel	<5.8	20	20			
				2018/12/17	Cloudy	1.8	0.6	4.1	3	Blackish brown	None	0.0	5.1	10.4	41.3	38.1	1.9	0.9	2.4	75.6	2.675	Sand/gravel	<4.6	17	17			
				2018/5/6	Sunny	27.8	0.4	14.7	3	Olive black	Faint sewage	0.0	0.1	0.4	2.2	9.1	55.2	21.3	11.8	46.6	2.705	Sand/silt	11	100	111			
				2018/6/4	Sunny	25.3	0.4	19.3	3	Olive black	Faint sewage	0.0	0.1	0.3	1.2	8.4	51.1	32.7	6.2	56.0	2.727	Sand/silt	<8.9	84	84			
59	Imade River	Nekomaki Bridge	Ishikawa Town	2018/8/14	Sunny	29.4	0.3	23.3	3	Olive black	Faint sewage	0.0	0.1	0.0	0.1	19.7	43.9	22.2	14.0	47.3	2.689	Sand/silt	<11	98	98			
				2018/10/7	Sunny	25.7	0.4	19.3	3	Olive black	Faint sewage	0.0	0.0	0.0	0.3	7.5	37.7	38.9	15.7	43.3	2.665	Sand/silt	<11	170	170			
				2018/11/9	Sunny	15.1	0.3	11.7	3	Olive black	Faint sewage	0.0	0.0	0.0	0.1	8.0	37.7	32.6	21.6	41.1	2.707	Sand/silt	<13	130	130			
				2018/12/1	Sunny	5.9	0.4	7.8	3	Olive black	Faint sewage	0.0	0.0	0.1	1.0	12.9	46.8	25.4	13.7	43.7	2.690	Sand/silt	<16	110	110			
				2018/5/6	Sunny	27.6	0.6	17.5	3	Grayish yellowish brown	Faint swamp	2.1	18.1	26.0	15.0	29.8	6.9	1.1	1.0	79.7	2.736	Sand/gravel	<5.2	20	20			
				2018/6/3	Sunny	27.4	0.5	22.2	3	Blackish brown	Faint algae	0.0	12.3	15.2	14.5	44.5	10.0	1.9	1.7	73.1	2.724	Sand/gravel	<5.2	37	37			
60	Yashiro River	Oji Bridge	Ishikawa Town	2018/8/14	Sunny	27.1	0.5	25.1	3	Blackish brown	Faint algae	0.0	23.8	24.7	19.6	25.3	4.1	1.6	1.0	79.9	2.726	Sand/gravel	<5.2	19	19			
				2018/10/5	Cloudy	21.8	0.7	18.1	3	Grayish yellowish brown	Faint swamp	0.0	27.5	12.0	19.4	32.4	6.3	1.2	1.2	75.6	2.718	Sand/gravel	<4.5	20	20			
				2018/11/3	Sunny	13.5	0.5	11.1	3	Grayish yellowish brown	None	0.0	12.1	23.9	29.2	25.8	6.3	0.8	1.9	81.8	2.767	Sand/gravel	<5.1	18	18			
				2018/12/1	Cloudy	8.8	0.5	8.4	3	Blackish brown	Faint algae	0.0	20.4	28.8	28.0	18.1	2.7	1.0	1.0	78.7	2.714	Sand/gravel	<7.6	13	13			

# Fukushima River (Sediment/Nakadori Area) 2/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Activity concentration [Bq/kg(dry)]			Remarks	
No.	Location	Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odo	General items						Grain size distribution(%)					Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium			
											Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Cs-134	Cs-137	Total							
R I V E R S	61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2018/4/24	Cloudy	15.1	0.3	14.2	3	Dull yellowish brown	Faint swamp	0.0	5.7	2.0	10.7	69.7	8.5	1.3	2.2	75.5	2.942	Sand/gravel	<5.0	26	26		
					2018/5/11	Sunny	21.4	0.5	14.6	3	Grayish yellowish brown	Faint swamp	0.0	28.5	6.8	6.8	35.2	19.7	1.9	1.2	2.888	2.888	Sand/gravel	<5.8	49	49		
					2018/6/2	Sunny	23.6	0.4	21.2	3	Blackish brown	Faint swamp	2.0	16.7	10.5	13.0	53.0	3.7	0.1	1.3	82.3	3.179	Sand/gravel	<4.3	111	111		
					2018/7/14	Sunny	31.7	0.4	17.2	3	Blackish brown	Faint swamp	0.0	18.5	18.1	13.3	44.0	3.4	0.6	1.1	82.3	3.074	Gravel/sand	<4.3	12	12		
					2018/8/13	Cloudy	25.5	0.4	25.5	3	Blackish brown	Faint swamp	0.0	10.8	25.0	19.8	40.9	1.2	0.7	1.8	80.3	2.997	Sand/gravel	<3.9	12	12		
					2018/9/2	Cloudy	22.2	0.5	20.9	3	Dull yellowish brown	None	0.0	23.6	16.9	13.3	38.4	5.5	0.7	1.7	80.4	2.948	Gravel/sand	<5.2	7.9	7.9		
			2018/10/5	Cloudy	21.8	0.7	18.2	3	Blackish brown	None	0.0	8.4	10.5	26.3	51.1	0.7	1.2	1.9	78.3	2.789	Sand/gravel	<4.5	26	26				
			2018/12/17	Sunny	9.7	0.3	6.1	3	Blackish brown	Faint algae	0.0	16.9	3.0	7.9	63.0	6.3	0.8	2.3	75.8	2.834	Sand/gravel	<3.9	28	28				
			2019/1/14	Sunny	2.8	0.3	3.4	3	Grayish yellowish brown	None	0.0	14.4	6.7	14.3	59.6	2.1	0.1	2.9	76.2	2.887	Sand/gravel	<4.5	20	20				
			2019/2/1	Cloudy	0.4	0.3	2.8	5	Grayish yellowish brown	None	0.0	2.1	0.6	9.2	83.0	1.3	0.1	3.7	74.1	2.720	Sand/gravel	<4.9	26	26				
			62	Enochi Bridge		2018/5/1	Sunny	25.6	0.3	20.2	3	Blackish brown	Faint algae	0.0	32.1	25.5	22.3	16.6	1.3	0.4	0.8	82.8	2.779	Sand/gravel	<4.2	15	15	
						2018/6/10	Cloudy	19.1	0.3	21.2	3	Blackish brown	Faint algae	0.0	28.7	23.8	24.1	17.0	4.5	0.8	1.1	81.1	2.726	Sand/gravel	<6.1	18	18	
	2018/8/27	Cloudy				25.5	0.5	25.7	3	Grayish yellowish brown	Faint swamp	0.0	1.0	10.7	51.8	31.0	2.9	0.6	2.1	81.0	2.670	Sand/gravel	<4.5	18	18			
	2018/10/6	Cloudy				21.8	0.8	19.0	3	Blackish brown	Faint algae	1.1	9.8	9.9	22.6	47.6	5.8	0.8	2.3	75.6	2.754	Sand/gravel	<5.4	14	14			
	2018/11/25	Sunny				10.7	0.5	7.9	3	Grayish yellowish brown	Faint algae	0.0	21.0	30.3	25.9	17.2	3.5	0.6	1.4	80.2	2.691	Sand/gravel	<4.1	20	20			
	2018/12/18	Sunny				4.9	0.6	6.2	3	Blackish brown	Faint algae	0.0	7.9	10.2	27.7	39.8	9.6	0.8	4.1	73.7	2.690	Sand/gravel	<5.1	41	41			
	63	Shakado River	Sukagawa City	2018/5/1	Sunny	26.2	0.3	22.7	3	Brownish gray	Faint algae	0.0	27.2	17.0	21.7	32.6	0.5	0.0	1.1	78.0	2.758	Sand/gravel	<4.5	29	29			
				2018/6/10	Rain	17.5	0.3	20.0	3	Blackish brown	None	0.0	61.3	23.2	5.5	5.5	3.5	0.6	0.5	85.6	2.725	Gravel/sand	<4.7	49	49			
				2018/8/27	Cloudy	26.2	0.3	25.8	3	Blackish brown	Faint algae	0.0	29.2	31.2	20.8	13.3	4.1	0.6	0.9	84.0	2.890	Sand/gravel	<5.0	51	51			
				2018/10/6	Sunny	23.4	0.3	21.4	3	Blackish brown	None	0.0	23.4	11.4	13.5	46.8	3.1	0.6	1.1	81.8	3.395	Sand/gravel	<3.9	21	21			
				2018/11/25	Sunny	12.3	0.3	8.6	3	Grayish yellowish brown	Faint swamp	0.0	28.1	27.9	23.1	17.2	2.1	0.4	1.3	83.5	2.850	Sand/gravel	<4.9	33	33			
				2018/12/18	Sunny	8.1	0.2	6.0	3	Blackish brown	Faint algae	0.0	43.7	27.6	10.2	10.6	6.5	0.3	1.1	81.3	2.771	Gravel/sand	<5.2	61	61			
	64	Shakado River	Before the confluence with Abukuma River	2018/4/24	Rain	12.9	0.2	14.1	3	Blackish brown	Faint sewage	0.0	17.2	16.6	14.2	37.5	12.0	0.7	1.8	66.6	3.084	Gravel/sand	<7.8	75	82.8			
				2018/5/14	Sunny	20.3	0.4	16.6	3	Grayish yellowish brown	Faint swamp	0.0	15.1	16.7	21.2	26.3	15.6	2.9	2.3	78.8	2.796	Sand/gravel	1.4	120	134			
				2018/6/10	Cloudy	18.4	0.4	20.0	3	Blackish brown	None	0.0	9.7	12.0	16.4	31.1	24.7	3.6	2.6	75.0	2.839	Sand/gravel	9.5	78	87.5			
				2018/7/14	Sunny	26.8	0.4	24.0	3	Grayish yellowish brown	Faint swamp	0.0	6.4	13.8	29.6	44.3	3.6	0.8	1.5	78.2	2.762	Sand/gravel	4.4	36	40.4			
				2018/8/7	Cloudy	19.7	0.4	21.9	3	Grayish yellowish brown	None	0.0	20.8	12.7	18.6	29.4	14.3	2.2	1.9	74.0	2.828	Sand/gravel	<5.0	24	24			
				2018/9/2	Cloudy	24.7	0.5	22.4	3	Brownish gray	None	0.0	16.1	12.1	14.4	43.0	11.6	0.7	2.0	76.0	2.854	Gravel/sand	<4.6	42	42			
	65	Saahara River	Shinbashi Bridge	Koriyama City	2018/10/6	Sunny	23.8	0.8	19.5	3	Blackish brown	Faint sewage	0.0	20.4	13.1	12.7	23.9	24.3	3.4	2.3	78.3	2.804	Sand/gravel/silt	7.7	58	65.7		
					2018/12/18	Sunny	7.8	0.4	5.5	3	Blackish brown	None	0.0	22.1	17.6	15.4	24.9	15.9	1.8	2.3	73.7	2.883	Sand/gravel	<7.0	73	73		
					2018/8/25	Sunny	30.4	0.3	25.5	3	Grayish yellowish brown	Faint algae	0.0	27.7	20.7	12.9	14.6	18.8	4.2	1.2	75.3	2.677	Sand/gravel	1.3	140	153		
					2018/10/7	Cloudy	24.1	0.4	20.2	3	Blackish brown	Faint algae	0.0	34.5	28.4	15.3	13.8	6.5	0.8	0.7	84.5	2.635	Gravel/sand	6.1	54	60.1		
					2018/11/25	Sunny	5.5	0.3	8.0	3	Grayish yellowish brown	Faint algae	0.0	16.6	28.2	34.5	17.8	0.7	0.0	2.2	78.4	2.671	Sand/gravel	<4.3	42	42		
					2018/12/19	Sunny	12.2	0.2	7.8	3	Blackish brown	Faint algae	0.0	35.8	29.9	6.7	3.2	3.2	0.5	0.8	79.7	2.578	Gravel/sand	6.2	68	71.2		
			2018/5/9		Rain	18.5	0.6	16.5	3	Grayish yellowish brown	None	0.0	1.3	10.9	44.2	40.1	0.8	0.9	1.7	75.9	2.660	Sand	<6.5	16	16			
			2018/6/1		Sunny	18.8	0.4	18.9	3	Blackish brown	None	0.0	8.8	23.0	33.1	31.6	1.5	0.5	1.6	80.7	2.641	Sand/gravel	<4.6	16	16			
			2018/8/25		Sunny	28.5	0.2	27.4	3	Grayish yellowish brown	None	1.4	18.5	17.6	22.3	36.8	2.1	0.1	1.2	78.3	2.658	Sand/gravel	<4.2	18	18			
			2018/10/7		Cloudy	24.6	0.2	20.1	3	Blackish brown	None	0.0	21.1	16.6	16.6	37.4	6.1	0.6	1.7	80.5	2.933	Gravel/sand	<4.1	12	12			
			2018/11/23		Sunny	5.3	0.3	8.0	3	Dull yellowish brown	None	0.0	11.4	11.4	25.7	44.4	3.9	1.0	2.3	79.7	2.709	Sand/gravel	<5.0	20	20			
			2018/12/20		Rain	4.6	0.2	5.0	3	Blackish brown	None	0.0	24.1	22.0	13.9	32.8	5.1	0.0	2.0	79.3	2.946	Sand/gravel	<5.4	16	16			

# Fukushima River (Sediment/Nakadori Area) 3/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks	
No.	Location		Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odo	General items							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Activity concentration [Bq/kg(dry)]				
												Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)		Silt	Clay				Co-134	Cs-137	Total		
67	Oukine River	Funchiki Bridge	Tamana City	2018/5/3	Cloudy	22.1	0.6	16.1	3	Olive black	Faint sewage	0.0	0.0	0.0	0.4	36.6	54.2	5.4	3.3	68.4	2.753	Sand	11	84	95	
				2018/6/13	Sunny	21.9	0.2	21.6	3	Blackish brown	None	0.0	7.5	13.1	15.8	35.6	24.1	2.3	1.6	75.4	2.763	Sand/gravel	<5.0	34	34	
				2018/8/5	Sunny	30.8	0.2	26.3	3	Yellowish gray	Faint algae	0.0	37.3	20.0	12.2	24.9	3.9	0.4	0.8	79.9	2.767	Gravel/sand	<6.1	16	16	
				2018/10/3	Cloudy	20.8	0.4	16.4	3	Dark brown	None	0.0	0.5	9.0	27.9	55.9	4.1	1.0	1.8	74.6	2.627	Sand	<5.6	27	27	
		2018/11/3	Sunny	8.0	0.2	8.3	5	Grayish yellowish brown	None	0.0	12.2	19.6	40.5	20.9	4.1	0.1	2.6	81.5	2.767	Gravel/sand	<5.1	8.7	8.7			
		2018/12/4	Sunny	18.6	0.3	11.7	3	Dark grayish yellow	Faint algae	0.0	0.1	2.6	19.6	69.5	4.5	1.0	2.8	72.9	2.749	Sand	<6.4	32	32			
		2018/5/2	Cloudy	23.4	0.5	15.8	3	Blackish brown	None	0.0	15.0	24.2	31.5	22.2	4.9	0.6	1.8	84.6	2.714	Sand/gravel	<4.6	24	24			
		2018/6/1	Sunny	22.8	0.8	18.2	3	Blackish brown	None	3.2	24.7	24.7	16.1	15.8	13.0	1.5	1.1	80.0	2.760	Sand/gravel	<5.1	30	30			
	68	Before the confluence with Abukuma River			2018/8/25	Cloudy	30.6	0.4	27.3	3	Yellowish gray	Faint algae	0.0	34.3	18.2	10.0	16.8	18.0	1.6	1.1	78.7	2.738	Sand/gravel	<5.6	29	29
					2018/10/7	Cloudy	24.0	0.4	20.6	3	Blackish brown	None	3.5	21.9	22.8	19.9	20.9	8.0	1.9	1.2	75.8	2.678	Sand/gravel	<5.0	24	24
					2018/11/23	Sunny	8.0	0.4	11.3	3	Grayish yellowish brown	Faint swamp	0.0	4.5	36.0	28.9	23.0	5.2	0.6	1.7	85.0	2.688	Sand/gravel	<4.0	27	27
					2018/12/20	Rain	4.6	0.6	7.1	3	Blackish brown	Faint algae	0.0	24.0	25.6	21.9	16.3	9.2	1.0	2.0	82.1	2.706	Sand/gravel	<5.9	16	16
					2018/5/1	Sunny	21.6	0.5	16.5	3	Grayish olive	Faint sewage	0.0	2.2	0.7	6.1	40.0	26.1	2.7	2.3	74.0	2.701	Sand	<5.8	59	59
					2018/6/20	Rain	18.4	0.5	18.3	3	Olive black	Faint sewage	0.0	0.5	1.4	6.3	57.2	26.0	4.7	3.8	73.3	2.663	Sand/silt	9.8	100	109.8
					2018/8/26	Cloudy	31.6	0.4	26.5	3	Grayish yellowish brown	None	3.5	27.3	10.7	15.1	36.8	5.0	0.5	1.2	77.8	2.680	Sand/gravel	<5.5	48	48
					2018/10/3	Sunny	23.1	0.4	17.3	3	Blackish brown	None	3.0	22.6	11.9	19.4	37.7	3.0	0.7	1.8	79.9	2.672	Sand/gravel	<6.1	25	25
	69	Before the confluence with Babagawa River			2018/11/25	Sunny	13.8	0.3	8.9	3	Dark grayish yellow	Faint swamp	0.0	17.0	12.1	27.8	38.8	2.2	0.0	2.1	75.4	2.660	Sand/gravel	<4.7	33	33
					2018/12/20	Sunny	8.4	0.6	5.7	3	Dark grayish yellow	Faint algae	0.0	17.1	15.2	22.1	36.5	6.4	0.8	2.0	79.1	2.658	Sand/gravel	<4.6	35	35
					2018/5/1	Sunny	23.6	0.8	17.0	3	Blackish brown	None	0.0	0.0	0.2	10.0	78.3	8.5	0.6	2.3	75.1	2.714	Sand	6.8	96	102.8
					2018/6/22	Sunny	22.7	0.8	19.1	3	Blackish brown	None	0.0	0.2	0.3	10.5	69.8	10.3	5.5	5.5	69.5	2.633	Sand	18	210	228
					2018/8/28	Rain	24.3	1.9	23.9	3	Dark grayish yellow	Faint algae	0.0	0.1	0.4	15.3	67.8	11.4	1.3	3.9	75.4	2.644	Sand	21	260	281
					2018/10/3	Sunny	25.7	0.8	19.0	3	Blackish brown	None	0.0	0.2	2.9	35.8	57.9	0.4	1.0	1.9	76.7	2.633	Sand	<7.3	84	84
					2018/11/23	Cloudy	6.8	1.4	9.3	3	Grayish yellowish brown	Faint algae	0.0	4.1	8.6	21.7	50.2	11.1	1.4	2.9	79.0	2.693	Sand/gravel	15	150	165
					2018/12/21	Sunny	4.5	0.8	5.2	3	Blackish brown	Faint algae	0.0	4.7	4.2	13.1	67.7	6.8	0.9	2.6	77.5	2.745	Sand	8.3	86	94.3
	70	Ouse River	Makunouchi Bridge	Koriyama City	2018/4/28	Sunny	15.3	0.2	15.7	3	Brownish gray	Faint swamp	0.0	20.9	18.5	17.4	27.5	11.6	1.8	2.3	77.2	2.660	Gravel/sand	18	140	158
					2018/5/17	Cloudy	20.8	0.3	20.8	3	Blackish brown	None	0.0	21.8	26.6	24.7	22.3	3.1	0.3	1.2	80.6	2.684	Gravel/sand	6.1	82	88.1
					2018/6/1	Cloudy	21.4	0.4	21.2	3	Blackish brown	None	0.0	31.8	19.0	16.4	27.2	4.2	0.3	1.2	80.0	2.681	Sand/gravel	8.8	75	83.8
					2018/7/15	Sunny	28.3	0.2	27.1	3	Grayish yellowish brown	Faint swamp	0.0	19.0	29.7	23.9	25.1	1.3	0.0	1.0	78.5	2.653	Gravel/sand	12	88	100
2018/8/1			Sunny	30.4	0.3	32.2	3	Grayish yellowish brown	None	0.0	18.6	23.5	23.6	27.3	4.5	1.4	1.1	78.0	2.651	Sand/gravel	9.2	94	103.2			
2018/9/11			Cloudy	19.8	0.5	21.9	3	Grayish yellowish brown	Faint swamp	0.0	13.3	31.3	33.5	19.9	1.2	0.2	0.6	79.7	2.668	Gravel/sand	8.8	93	101.8			
2018/10/22			Sunny	8.4	0.1	16.6	3	Blackish brown	Faint algae	0.0	25.0	29.2	21.3	16.2	5.5	0.8	2.0	83.6	2.640	Gravel/sand	10	120	130			
2018/12/1			Cloudy	4.8	0.1	12.7	3	Blackish brown	None	0.0	34.6	28.7	16.6	14.7	3.3	1.3	0.8	82.7	2.684	Sand/gravel	13	130	143			
71	Before the confluence with Abukuma River			2019/1/19	Sunny	8.3	0.2	9.4	3	Grayish yellowish brown	None	0.0	13.1	27.4	26.1	27.5	4.1	0.0	1.8	80.6	2.693	Gravel/sand	8.2	84	92.2	
				2019/2/4	Cloudy	7.2	0.2	10.3	3	Grayish yellowish brown	None	1.9	29.8	27.9	16.3	15.6	6.5	0.4	1.6	83.6	2.658	Gravel/sand	11	150	161	
				2018/4/28	Sunny	17.2	0.3	15.0	3	Brownish gray	Faint sewage	0.0	10.2	4.6	5.0	43.3	31.8	2.2	2.8	70.6	2.702	Sand/gravel	20	190	210	
				2018/5/17	Cloudy	24.2	0.6	19.2	3	Blackish brown	None	3.3	40.6	15.4	17.5	20.5	1.2	0.6	1.0	81.6	2.760	Gravel/sand	<4.6	44	44	
				2018/6/1	Sunny	22.7	0.6	20.7	3	Blackish brown	None	2.5	27.4	13.7	19.6	32.0	3.0	0.8	1.1	79.4	2.781	Sand/gravel	5.6	52	57.6	
				2018/7/15	Sunny	30.3	0.3	27.3	3	Grayish yellowish brown	None	0.0	19.3	16.7	20.7	37.1	3.7	0.4	2.1	82.3	2.815	Gravel/sand	<4.6	50	50	
				2018/8/1	Sunny	33.9	0.3	29.3	3	Grayish yellowish brown	Faint algae	0.0	25.6	27.4	19.9	17.4	7.4	1.1	1.3	79.6	2.716	Sand/gravel	8.8	68	76.8	
				2018/9/11	Sunny	22.9	0.5	20.7	3	Grayish yellowish brown	None	0.0	18.5	18.6	22.0	34.4	4.6	1.3	0.6	80.7	2.774	Gravel/sand	5.3	56	61.3	
72	Abukuma River	Akutsu Bridge		2018/10/22	Sunny	13.8	0.6	15.4	3	Blackish brown	Faint algae	0.0	32.3	21.2	13.9	25.2	5.5	0.6	1.4	80.4	2.811	Gravel/sand	<4.9	62	62	
				2018/12/1	Cloudy	7.2	0.3	9.1	3	Blackish brown	Faint algae	2.2	28.5	29.3	20.1	12.3	5.3	1.2	1.2	82.1	2.775	Sand/gravel	8.2	91	99.2	
				2019/1/19	Sunny	7.0	0.2	4.7	3	Grayish yellowish brown	None	0.0	17.5	24.5	26.6	26.5	2.8	0.6	1.6	79.3	2.819	Gravel/sand	4.3	48	52.3	
				2019/2/4	Sunny	8.0	0.2	6.8	3	Dull yellowish brown	Faint swamp	0.0	25.7	19.0	23.2	27.0	2.5	0.5	2.1	81.1	2.827	Gravel/sand	<4.3	51	51	

# Fukushima River (Sediment/Nakadori Area) 4/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks	
No.	Location		Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Oxide	General items							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Activity concentration [Bq/kg(dry)]				
												Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)			Silt				Clay	Co-134	Co-137		Total
R i v e r s	73	After the confluence with Ishimaru River	Koriyama City	2018/5/2	Cloudy	22.4	0.4	15.4	3	Blackish brown	Faint algae	0.0	17.4	33.9	31.7	14.4	1.2	0.5	0.9	84.2	2.702	Gravel/sand	<5.0	17	17	
				2018/6/4	Sunny	28.8	0.3	22.7	3	Blackish brown	Faint algae	0.0	39.9	25.2	22.7	9.8	1.1	0.7	0.7	78.6	2.731	Gravel/sand	<5.5	20	20	
				2018/8/5	Cloudy	31.0	0.4	26.2	3	Blackish brown	None	0.0	39.5	37.6	17.7	3.4	0.4	0.4	82.9	2.637	Gravel/sand	<4.9	21	21		
				2018/10/4	Cloudy	21.5	0.5	16.6	3	Blackish brown	None	0.0	21.2	23.3	28.0	23.6	1.8	0.9	1.3	76.0	2.704	Sand/gravel	<7.0	21	21	
				2018/1/2	Cloudy	15.9	0.3	11.3	3	Grayish yellowish brown	Faint swamp	0.0	23.5	27.5	27.4	18.4	1.6	0.1	1.4	77.1	2.755	Gravel/sand	<4.9	15	15	
				2018/1/21	Rain	8.1	0.3	8.0	3	Dark grayish yellow	Faint algae	0.0	29.8	29.3	23.8	14.0	1.4	0.5	1.2	79.6	2.735	Gravel/sand	<5.6	15	15	
				2018/5/2	Cloudy	19.8	0.5	14.8	3	Dark grayish yellow	Faint sewage	0.0	0.0	0.0	0.1	56.0	37.5	4.1	2.4	69.0	2.677	Sand	<7.7	62	69.7	
				2018/6/4	Sunny	28.6	0.6	20.7	3	Olive black	Faint sewage	0.0	0.1	0.1	0.5	38.7	41.1	13.6	6.0	67.6	2.629	Sand/silt	12	99	111	
				2018/8/5	Sunny	33.1	0.4	26.5	3	Grayish olive	Faint sewage	0.0	0.0	0.2	0.3	45.2	43.8	8.2	2.4	66.2	2.643	Sand	<5.7	69	69	
				2018/10/4	Cloudy	22.6	0.4	16.9	3	Olive black	Faint sewage	0.0	0.3	1.4	4.4	46.1	34.3	9.7	3.9	69.0	2.652	Sand/silt	9.4	88	97.4	
	74	Gohyaku River	Kamieshishita Bridge	Koriyama City	2018/1/2	Cloudy	16.7	0.4	12.5	3	Brownish gray	None	0.0	8.8	4.4	6.9	58.1	16.2	3.2	2.6	73.5	2.721	Sand/gravel	5.5	53	58.5
					2018/1/21	Rain	9.4	0.6	7.1	3	Gray	Faint sewage	0.0	1.6	1.1	2.4	50.1	35.8	5.2	3.8	70.9	2.712	Sand	10	98	108
					2018/4/27	Cloudy	22.0	0.3	13.2	3	Brownish gray	None	0.0	22.3	12.9	23.2	32.4	6.8	1.0	1.5	77.7	2.755	Sand/gravel	<5.8	25	25
					2018/5/17	Cloudy	21.7	0.3	16.8	3	Blackish brown	None	1.5	35.4	11.1	8.7	34.6	6.4	1.3	1.1	78.8	2.785	Sand/gravel	<5.4	30	30
					2018/6/4	Sunny	21.7	0.2	21.8	3	Blackish brown	Faint algae	0.0	25.3	13.6	18.2	34.7	6.5	0.6	1.2	82.3	2.782	Gravel/sand	<5.4	33	33
					2018/7/4	Cloudy	25.8	0.2	24.5	3	Grayish yellowish brown	Faint swamp	0.0	15.7	14.3	18.1	41.1	7.5	1.8	1.6	82.7	2.797	Sand/gravel	<4.7	27	27
					2018/8/13	Cloudy	30.4	0.1	26.0	3	Blackish brown	None	0.0	19.2	13.4	15.8	42.5	7.8	0.0	1.3	80.7	2.797	Sand/gravel	<4.4	36	36
					2018/9/3	Cloudy	25.9	0.3	22.1	3	Grayish yellowish brown	None	0.0	18.5	12.8	24.3	35.0	7.3	0.8	1.4	76.4	2.700	Gravel/sand	<5.4	63	63
					2018/10/4	Sunny	22.9	0.3	18.0	3	Yellowish gray	None	0.0	19.4	12.3	17.1	38.7	9.8	1.4	1.3	75.8	2.766	Sand/gravel	<4.4	37	37
					2018/12/12	Cloudy	4.3	0.2	4.7	3	Blackish brown	Faint algae	0.0	34.6	13.7	14.6	25.4	9.7	0.0	2.0	76.7	2.743	Sand/gravel	<5.0	40	40
	75	Before the confluence with Abukuma River	Motomiya City	Motomiya City	2019/1/25	Sunny	6.9	0.2	3.9	3	Brownish gray	None	0.0	23.7	21.2	22.7	27.3	2.2	0.7	2.1	80.0	2.773	Gravel/sand	<4.5	24	24
					2019/2/15	Sunny	9.0	0.2	4.8	3	Grayish yellowish brown	Faint swamp	0.0	22.9	14.9	21.4	32.1	5.6	1.1	2.0	80.1	2.838	Gravel/sand	<4.9	35	35
					2018/4/27	Cloudy	18.4	0.6	14.5	3	Brownish gray	Faint swamp	0.0	0.4	0.3	0.6	48.8	41.4	3.3	5.2	70.1	2.792	Sand/silt	24	200	224
					2018/5/14	Sunny	20.2	0.8	15.9	3	Olive black	Faint sewage	0.0	1.8	0.3	0.9	49.4	41.2	2.0	4.6	73.8	2.885	Sand	15	140	155
					2018/6/1	Sunny	21.2	0.6	20.7	3	Olive black	Faint sewage	0.0	3.7	1.0	1.1	46.8	36.9	5.9	4.5	67.1	2.887	Sand/silt	14	200	214
					2018/7/18	Sunny	31.5	0.5	28.7	3	Dark grayish yellow	Faint sewage	0.0	0.1	0.2	0.3	48.1	39.4	8.1	3.9	72.3	2.721	Sand/silt	19	250	269
					2018/8/6	Cloudy	23.6	0.5	26.2	3	Dull yellowish brown	Faint swamp	0.0	31.6	7.7	8.7	40.8	9.0	1.1	1.1	79.3	3.127	Sand/gravel	5.7	69	74.7
					2018/9/1	Cloudy	22.0	0.5	24.0	3	Dark grayish yellow	Faint sewage	0.0	0.7	0.1	0.3	48.8	34.4	11.3	4.5	66.5	2.688	Sand/silt	30	330	360
					2018/10/5	Sunny	20.8	0.3	19.0	3	Olive brown	Faint sewage	2.8	3.8	0.4	0.2	33.1	44.5	11.3	4.1	67.9	2.765	Sand	26	300	326
					2018/12/4	Sunny	15.0	0.8	10.1	3	Dark olive brown	Faint swamp	0.0	5.1	1.4	3.0	57.3	26.6	2.9	3.6	72.7	2.854	Sand	13	150	163
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2019/1/24	Sunny	3.8	0.3	4.4	3	Grayish yellowish brown	None	0.0	33.7	12.2	6.7	37.7	7.5	0.3	1.9	80.1	3.151	Gravel/sand	<5.0	50	50
					2019/2/16	Cloudy	5.2	0.3	1.3	5	Brownish gray	None	0.0	3.4	1.0	2.6	73.6	15.8	0.1	3.5	76.2	3.000	Sand	4.8	60	64.8
					2018/5/13	Cloudy	18.5	0.4	12.1	3	Grayish yellowish brown	None	0.0	11.5	24.5	24.3	32.4	5.5	0.4	1.5	83.9	2.775	Sand/gravel	5.6	85	90.6
					2018/6/19	Cloudy	26.0	0.4	15.7	3	Grayish yellowish brown	None	0.0	0.5	27.2	26.6	36.4	6.4	1.4	1.4	74.3	2.705	Sand/gravel	7.8	97	104.8
					2018/8/5	Sunny	30.7	0.4	22.0	3	Grayish yellowish brown	Faint swamp	0.0	1.3	16.4	22.8	44.4	12.2	1.2	1.7	72.8	2.722	Sand/gravel	2.0	180	200
					2018/10/20	Cloudy	15.2	0.4	12.8	3	Grayish yellowish brown	None	0.0	0.4	16.1	39.2	35.1	6.8	0.0	2.5	77.6	2.690	Sand/gravel	7.6	90	97.6
					2018/1/13	Sunny	17.4	0.3	9.5	3	Grayish yellowish brown	None	0.0	0.1	22.8	36.6	31.8	5.6	1.3	1.8	75.7	2.722	Gravel/sand	9.2	88	97.2
					2018/12/14	Snow	1.2	0.3	2.2	3	Blackish brown	Faint algae	0.0	1.8	8.3	24.7	52.6	9.1	0.9	2.4	72.4	2.724	Sand	11	130	141

# Fukushima River (Sediment/Nakadori Area) 5/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks	
No.	Location	Municipality					Sediment temperature (°C)		Sample length (cm)	Color	Odkr	Grain size distribution(%)					Silt	Clay	Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Activity concentration [Bq/kg(dry)]			
							Coarse gravel	Medium gravel				Fine gravel	Coarse sand	Medium sand	Fine sand	Cs-134						Cs-137	Total		
78	Utsubu River	Osegawa Bridge	Nihonmatsi City	2018/4/26	Sunny	19.0	0.4	13.0	5	Brownish gray	None	0.0	0.0	0.0	0.7	35.3	60.2	1.0	2.9	70.7	2.784	Sand	15	120	135
				2018/5/14	Sunny	23.0	0.6	15.8	3	Olive black	None	0.0	0.2	2.0	8.6	79.3	7.1	1.0	1.9	72.3	2.726	Sand	-7.2	71	71
				2018/6/7	Sunny	25.2	0.4	19.0	3	Brown	Faint swamp	0.0	0.4	1.4	13.5	65.0	17.6	0.1	2.0	72.0	2.693	Sand	7.4	84	91.4
				2018/7/18	Sunny	31.3	0.4	23.6	3	Dark grayish yellow	None	0.0	0.1	2.1	11.1	56.0	21.7	6.7	2.4	73.0	2.706	Sand	10	87	97
				2018/8/6	Rain	22.8	0.6	23.4	3	Dull yellowish brown	Faint swamp	0.0	11.3	4.3	5.8	58.1	18.0	0.9	1.6	73.3	2.778	Sand/gravel	9.2	87	96.2
				2018/9/1	Cloudy	22.2	0.4	21.1	3	Dark grayish yellow	None	0.0	0.0	0.5	4.6	52.9	38.0	2.1	1.9	71.5	2.749	Sand	14	120	134
				2018/10/5	Cloudy	22.1	0.5	16.2	3	Dark olive brown	None	0.0	0.1	0.4	3.8	63.4	27.4	3.0	2.0	73.2	2.722	Sand	9.2	93	102.2
				2018/12/4	Sunny	17.5	0.3	9.9	3	Blackish brown	None	0.0	1.5	1.0	3.4	56.9	33.4	0.0	3.8	70.6	2.754	Sand	10	100	110
				2019/1/24	Sunny	3.0	0.3	2.1	5	Grayish yellowish brown	None	0.0	4.9	3.5	10.4	68.1	9.6	0.5	3.0	73.6	2.764	Sand	<5.1	69	69
				2019/2/16	Cloudy	5.2	0.3	3.8	3	Grayish yellowish brown	None	0.0	0.0	1.3	6.6	76.5	11.7	1.1	2.8	71.7	2.719	Sand/gravel	8.2	91	99.2
79	Mizuhara River	Getouchi Bridge	Fukushima City	2018/5/4	Rain	10.8	0.6	13.4	3	Blackish brown	None	0.0	34.8	13.7	10.4	31.9	6.3	1.3	1.7	77.2	2.893	Sand/gravel	10	81	91
				2018/6/1	Sunny	22.4	0.3	23.0	3	Blackish brown	Faint swamp	0.0	0.0	0.1	1.5	72.0	19.2	3.4	3.9	70.8	2.822	Sand	14	140	154
				2018/8/4	Sunny	30.3	0.2	26.1	3	Dull yellowish brown	None	0.0	37.5	18.7	17.5	21.3	3.5	0.7	0.8	77.2	2.819	Sand/gravel	13	120	133
				2018/10/5	Cloudy	22.9	0.3	18.7	3	Blackish brown	Faint algae	0.0	4.6	0.7	3.4	61.6	26.6	0.8	2.3	75.9	2.956	Sand	7.0	73	80.0
				2018/11/4	Sunny	21.3	0.5	11.9	3	Dark brown	Faint swamp	0.0	13.6	10.4	19.0	45.5	7.4	1.9	2.2	77.1	2.866	Sand/gravel	8.4	86	94.4
				2018/12/5	Sunny	11.6	0.3	11.1	3	Blackish brown	None	0.0	3.0	1.5	12.0	68.6	10.4	1.8	2.7	75.1	2.799	Sand/gravel	-8.1	100	100
				2018/5/4	Cloudy	13.6	0.4	14.9	3	Grayish yellowish brown	None	0.0	2.6	17.1	36.1	39.3	2.6	0.8	1.5	81.1	2.718	Sand/gravel	11	130	141
				2018/6/7	Sunny	30.7	0.3	29.7	3	Dark olive brown	None	0.0	0.1	1.4	9.3	79.7	4.6	2.6	2.3	69.6	2.688	Sand	23	210	235
				2018/8/4	Sunny	31.4	0.1	28.4	3	Dull yellowish brown	Faint swamp	0.0	2.0	24.6	36.1	32.8	3.0	0.1	1.5	77.5	2.669	Sand/gravel	14	130	144
				2018/10/6	Sunny	24.3	0.3	21.4	3	Dark brown	Faint swamp	0.0	8.9	31.8	29.3	26.0	1.7	0.6	1.7	78.5	2.714	Sand/gravel	9.6	90	99.6
80	Megumi River	Tsumaki Bridge	Fukushima City	2018/11/4	Sunny	23.2	0.2	11.5	3	Dull yellowish brown	None	0.0	12.4	32.8	28.5	23.2	1.5	0.6	1.1	80.5	2.725	Sand/gravel	-5.9	81	81
				2018/12/5	Sunny	11.6	0.1	11.5	3	Blackish brown	None	0.0	6.3	28.2	30.8	29.9	2.4	1.3	1.3	74.4	2.720	Sand/gravel	11	110	121
				2018/4/27	Cloudy	16.3	0.6	15.2	5	Grayish yellowish brown	None	0.0	0.0	0.0	0.7	71.2	24.3	0.0	3.9	70.4	2.716	Sand	10	140	150
				2018/5/14	Sunny	22.1	0.8	17.1	3	Blackish brown	None	0.0	0.0	0.2	1.0	51.1	41.0	2.9	3.8	70.3	2.709	Sand	18	230	248
				2018/6/3	Sunny	24.9	0.5	21.6	3	Dark grayish yellow	Faint swamp	0.0	0.0	0.7	4.1	71.0	23.3	0.0	1.9	69.2	2.701	Sand	21	170	191
				2018/7/17	Cloudy	30.0	0.3	28.9	3	Dark grayish yellow	Faint swamp	0.0	0.7	0.5	1.1	81.0	13.9	1.0	1.9	70.4	2.761	Sand	11	140	151
				2018/8/1	Sunny	34.7	0.6	29.7	3	Grayish yellowish brown	Faint swamp	0.0	0.3	0.7	3.4	87.9	5.7	0.1	1.9	73.6	2.701	Sand	6.8	100	106.8
				2018/9/1	Cloudy	23.8	0.5	23.9	3	Dark grayish yellow	None	0.0	0.6	0.6	0.7	55.0	39.1	2.0	1.9	70.2	2.737	Sand	15	170	185
				2018/10/14	Sunny	16.7	0.4	17.2	3	Dark grayish yellow	Faint swamp	0.0	0.5	0.3	0.4	55.4	38.8	2.5	2.0	72.4	2.721	Sand	12	140	152
				2018/12/8	Cloudy	7.0	0.4	8.9	3	Dark olive brown	None	0.0	3.9	2.8	3.4	72.3	13.2	1.8	2.7	70.8	2.768	Sand/gravel	15	140	155
81	Abukuma River	Hori Bridge	Fukushima City	2019/1/20	Cloudy	0.4	0.3	3.0	5	Grayish yellowish brown	None	0.0	4.0	2.6	3.1	69.7	16.9	1.5	2.2	69.3	2.731	Sand	14	170	184
				2019/2/11	Sunny	2.7	0.3	4.5	3	Grayish yellowish brown	None	0.0	0.1	0.7	3.5	76.4	14.5	2.0	2.9	73.2	2.720	Sand	12	160	172
				2018/5/5	Sunny	12.9	0.3	14.7	3	Blackish brown	None	0.0	13.5	11.3	10.3	37.0	19.5	5.9	2.6	71.2	2.683	Sand/gravel	46	440	486
				2018/6/3	Sunny	28.9	0.3	25.4	3	Dark brown	Faint phytoplankton	0.0	7.1	5.8	15.5	60.3	8.6	0.9	1.7	76.9	2.806	Sand/gravel	26	260	286
				2018/8/1	Sunny	35.3	0.3	29.3	3	Brown	Faint swamp	0.0	18.2	25.7	32.1	20.2	1.6	0.9	1.3	86.4	2.714	Sand/gravel	15	170	185
				2018/10/14	Cloudy	15.6	0.4	16.7	3	Grayish yellowish brown	Faint swamp	0.0	11.5	17.6	47.9	19.7	0.5	0.7	2.0	80.4	2.751	Sand/gravel	14	170	184
				2018/11/1	Sunny	14.5	0.3	14.2	3	Brown	Faint swamp	0.0	20.8	27.5	32.0	16.5	1.6	0.4	1.2	81.8	2.794	Sand/gravel	9.8	110	119.8
				2018/12/8	Sunny	8.0	0.3	10.4	3	Dark brown	Faint sewage	0.0	0.7	1.2	12.3	65.7	15.4	2.0	2.8	69.3	2.762	Sand/gravel	35	410	445
				2018/5/5	Sunny	12.9	0.2	13.1	3	Blackish brown	None	0.0	23.6	7.8	17.0	37.4	10.9	2.0	1.4	76.4	2.735	Sand/gravel	-5.1	19	19
				2018/6/4	Sunny	22.9	0.4	19.3	3	Blackish brown	None	0.0	15.6	33.4	35.5	12.7	0.8	1.1	1.0	75.3	2.653	Sand/gravel	-5.2	13	13
83	Arakawa River	Hinokura Bridge	Fukushima City	2018/8/2	Sunny	32.2	0.3	27.8	3	Dark brown	Faint swamp	0.0	21.4	24.7	33.7	15.9	2.2	1.1	1.1	81.5	2.704	Sand/gravel	-4.1	11	11
				2018/10/9	Sunny	21.1	0.4	18.5	3	Blackish brown	None	0.0	12.7	31.6	32.8	21.1	0.7	0.0	1.1	78.8	2.732	Sand/gravel	-4.8	18	18
				2018/11/1	Sunny	11.5	0.2	11.4	3	Brown	Faint swamp	0.0	33.5	14.9	12.9	25.7	8.3	2.7	2.0	80.3	2.781	Sand/gravel	-4.3	17	17
				2018/12/6	Rain	2.7	0.5	10.5	3	Blackish brown	Faint swamp	0.0	33.3	44.1	17.8	4.0	0.2	0.2	0.4	76.7	2.717	Gravel/sand	-4.2	5.5	5.5



# Fukushima River (Sediment/Nakadori Area) 6/8

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks			
No.	Location	Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odkr	General items					Grain size distribution(%)					Sediment content (%)	Density (g/cm <sup>3</sup> )	Property		Activity concentration [Bq/kg(dry)]		
											Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Cs-134	Cs-137					Total		
84	Sukawa River	Sukawa Bridge	2018/5/5	Sunny	16.7	0.4	13.9	3	Dark brown	None	3.6	36.2	19.6	18.9	17.1	2.6	0.4	1.6	78.1	2.763	Gravel/sand	<5.8	21	21			
			2018/6/4	Sunny	27.8	0.5	20.8	3	Dark brown	Faint swamp	0.0	9.7	21.5	27.9	33.2	5.1	0.4	2.3	75.8	2.818	Sand/gravel	<5.5	22	22			
			2018/8/2	Sunny	33.5	0.3	25.3	3	Brown	Faint swamp	1.9	31.4	23.5	18.8	18.4	3.5	1.3	1.3	78.1	2.712	Sand/gravel	<4.2	21	21			
			2018/10/9	Sunny	23.5	0.4	18.6	3	Dark brown	None	0.0	8.3	21.2	31.3	34.1	3.7	0.0	1.4	75.3	2.741	Sand/gravel	<3.5	17	17			
			2018/11/1	Sunny	14.7	0.2	12.0	3	Dull yellowish brown	Faint swamp	0.0	21.4	29.7	23.7	19.8	3.1	0.5	1.9	78.5	2.848	Sand/gravel	<6.0	17	17			
			2018/12/6	Rain	3.4	0.4	7.6	3	Dark brown	Faint swamp	0.0	12.9	17.1	29.7	30.7	5.9	1.0	2.8	73.0	2.666	Sand/gravel	<6.6	27	27			
	85	Arakawa River	Before the confluence with Abukuma River	2018/4/28	Sunny	24.3	0.4	16.4	3	Dark brown	None	0.0	20.5	6.3	5.1	43.1	22.2	1.4	1.4	72.2	2.883	Sand/gravel	<6.2	54	54		
				2018/5/15	Sunny	29.6	0.8	19.6	3	Blackish brown	None	0.0	39.7	12.3	3.8	24.4	18.1	0.9	0.9	79.6	3.151	Gravel/sand	<6.6	35	35		
				2018/6/3	Sunny	30.6	0.5	23.4	3	Blackish brown	None	0.0	12.9	14.1	23.1	45.5	3.0	0.1	1.4	75.9	2.818	Sand/gravel	<5.9	66	71.9		
				2018/7/17	Sunny	34.1	0.3	24.4	3	Blackish brown	None	0.0	25.4	18.8	20.6	28.1	4.9	0.9	1.3	76.8	2.743	Sand/gravel	30	280	310		
				2018/8/1	Sunny	36.4	0.3	29.3	3	Brown	Faint swamp	0.0	29.7	23.7	17.0	24.4	3.9	0.5	0.9	81.1	2.775	Sand/gravel	6.4	76	82.4		
				2018/9/2	Cloudy	20.2	0.4	19.0	3	Blackish brown	None	0.0	12.0	17.7	21.2	44.8	2.8	0.1	1.4	74.7	2.769	Sand/gravel	<6.4	45	45		
2018/10/14				Cloudy	18.3	0.5	16.2	3	Blackish brown	None	0.0	9.0	12.4	30.9	44.6	1.5	0.0	1.5	74.2	2.688	Sand/gravel	<5.9	28	28			
2018/12/8				Cloudy	6.2	0.6	9.1	3	Blackish brown	None	0.0	5.4	7.7	17.4	63.2	3.8	0.0	2.5	73.4	2.703	Sand/gravel	<6.1	31	31			
2019/1/20				Cloudy	3.1	0.3	5.6	3	Brownish gray	None	0.0	18.4	23.6	23.4	31.0	1.4	0.6	1.6	77.2	2.780	Gravel/sand	<5.5	19	19			
2019/2/11				Cloudy	0.7	0.4	4.7	3	Brownish gray	None	0.0	6.2	16.1	43.3	28.5	3.0	0.1	3.0	72.9	2.685	Sand/silt	<5.8	29	29			
86				Matsukawa River	Before the confluence with Abukuma River	2018/4/28	Sunny	19.7	0.3	11.7	3	Grayish yellowish brown	None	0.0	10.4	23.6	18.7	28.0	13.9	2.5	2.9	78.2	2.680	Sand/gravel	17	140	157
						2018/5/15	Sunny	28.1	0.3	17.4	3	Blackish brown	None	0.0	32.5	36.7	13.1	12.1	3.8	0.5	1.3	83.0	2.678	Gravel/sand	8.8	90	98.8
	2018/6/5	Sunny	26.5			0.3	20.3	3	Dull yellowish brown	Faint swamp	0.0	11.0	43.3	32.0	11.5	0.8	0.9	80.3	2.658	Sand/gravel	7.9	110	117.9				
	2018/7/18	Sunny	29.6			0.3	22.5	3	Grayish yellowish brown	Faint swamp	0.0	17.2	15.1	19.9	39.7	6.1	0.7	1.4	73.9	2.605	Sand/gravel	22	240	262			
	2018/8/2	Sunny	30.3			0.2	26.0	3	Dull yellowish brown	Faint swamp	0.0	20.0	27.9	27.5	17.7	4.3	1.6	1.0	85.2	2.650	Sand/gravel	15	140	155			
	2018/9/2	Cloudy	22.6			0.4	19.7	3	Grayish yellowish brown	Faint swamp	0.0	27.2	25.7	13.6	20.2	10.4	1.5	1.4	79.0	2.710	Sand/gravel	13	150	163			
	2018/10/10	Sunny	21.9			0.4	18.2	3	Blackish brown	Faint metal	0.0	18.5	44.2	19.6	15.0	1.9	0.0	0.7	81.1	2.664	Gravel/sand	7.7	91	98.7			
	2018/12/10	Sunny	3.2			0.4	3.8	3	Dark olive brown	Faint swamp	6.9	20.2	14.9	12.2	32.7	10.2	0.9	1.9	72.9	2.697	Sand/gravel	13	170	183			
	2019/1/20	Sunny	9.0			0.2	5.9	3	Grayish yellowish brown	None	0.0	23.8	35.1	23.8	13.8	2.0	0.4	1.2	81.1	2.675	Gravel/sand	<4.9	32	32			
	2019/2/11	Cloudy	-0.5			0.2	2.5	3	Grayish yellowish brown	None	1.8	15.1	29.4	42.2	8.6	0.8	0.1	2.1	74.1	2.640	Gravel/sand	21	280	301			
	2018/5/6	Sunny	27.3			0.6	14.8	3	Dark brown	Faint algae	0.0	25.7	15.5	29.6	24.4	2.0	1.5	1.4	74.2	2.672	Sand/gravel	37	350	387			
	87	Hattanda River	Hattanda Bridge			2018/6/11	Rain	17.6	0.6	17.2	3	Olive black	Faint sewage	0.0	2.9	4.8	17.7	57.1	13.0	2.8	1.9	91.7	2.664	Sand/gravel	42	470	512
2018/8/3				Sunny	33.0	0.3	25.8	3	Brown	Faint sewage	0.0	4.6	6.4	13.4	55.4	14.5	4.0	1.8	75.2	2.650	Sand/gravel	62	760	822			
2018/10/10				Cloudy	22.4	0.5	19.4	3	Dark brown	Faint sewage	0.0	16.6	13.7	11.8	47.8	7.2	0.1	2.8	74.8	2.664	Sand/gravel	42	530	572			
2018/11/3				Sunny	15.1	0.3	11.5	3	Dull yellowish brown	Faint swamp	0.0	25.4	31.3	23.0	17.3	1.3	0.5	1.3	85.6	2.653	Gravel/sand	21	260	281			
2018/12/10				Sunny	4.5	0.6	4.9	3	Blackish brown	None	0.7	28.0	22.3	26.0	18.9	1.6	0.5	1.9	75.6	2.674	Sand/gravel	30	300	330			
2018/5/6				Sunny	28.5	0.8	12.7	3	Blackish brown	None	0.0	0.0	0.0	0.2	44.3	43.9	8.3	3.4	61.9	2.503	Sand	22	160	182			
88	Sutsumi River	Totsuna Bridge	2018/6/4	Sunny	30.7	0.4	17.6	3	Olive black	Faint sewage	0.0	0.0	0.0	0.5	42.9	40.8	9.7	6.2	59.7	2.455	Sand/silt	22	220	242			
			2018/8/16	Cloudy	28.2	0.5	21.4	3	Grayish olive	Faint sewage	0.0	0.0	0.0	0.4	42.0	35.6	11.6	10.4	57.6	2.427	Sand/silt	17	190	207			
			2018/10/9	Sunny	25.7	0.4	18.0	3	Olive black	Faint sewage	0.0	0.0	0.0	0.3	28.6	46.8	16.9	7.4	57.5	2.442	Silt/sand	19	250	269			
			2018/11/3	Sunny	18.3	0.7	13.3	3	Grayish olive	Faint sewage	0.0	0.0	0.0	0.2	21.7	50.6	20.5	6.9	51.1	2.484	Sand/silt	26	330	356			
			2018/12/6	Rain	3.7	0.4	8.0	3	Gray	Faint sewage	0.0	0.0	0.0	0.3	60.0	27.6	7.6	4.4	60.3	2.490	Sand	13	160	173			

# Fukushima River (Sediment/Nakadori Area) 7/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks		
No.	Location	Municipality	General items							Grain size distribution(%)							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Activity concentration [Bq/kg(dry)]							
			Sediment temperature (°C)					Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand				Silt	Clay	Cs-134	Cs-137	Total			
89	Sunkami River	Before the confluence with Abukuma River	Fukushima City	2018/4/28	Sunny	22.4	0.3	12.7	3	Dull yellowish brown	None	0.0	4.0	1.8	25.2	66.6	0.5	0.1	1.9	73.6	2.644	Sand/gravel	5.6	30	33.6		
				2018/5/15	Sunny	23.5	0.3	16.8	3	Blackish brown	Faint algae	2.8	29.1	10.5	26.5	28.7	0.8	0.4	1.3	76.4	2.635	Gravel/sand	<5.3	45	45		
				2018/6/11	Rain	17.4	0.3	16.4	3	Dark brown	Faint swamp	0.0	2.8	3.9	38.5	47.0	4.1	1.6	2.2	71.7	2.635	Sand/gravel	7.4	67	74.4		
				2018/7/18	Sunny	35.8	0.3	27.3	3	Dull yellowish brown	Faint swamp	0.0	2.1	5.1	39.0	49.5	1.5	0.9	1.8	99.0	2.622	Sand/gravel	<5.5	24	34		
				2018/8/3	Sunny	31.1	0.2	24.8	3	Dull yellowish brown	Faint swamp	0.0	26.1	20.6	33.7	16.3	1.4	1.1	1.1	79.6	2.634	Sand/gravel	<3.8	30	30		
				2018/9/2	Cloudy	22.9	0.3	20.6	3	Grayish yellowish brown	Faint swamp	0.0	10.4	9.7	30.3	45.4	1.9	0.8	1.6	76.0	2.653	Sand/gravel	<7.3	50	50		
				2018/10/10	Cloudy	22.9	0.3	19.5	3	Olive brown	Faint algae	0.0	21.9	30.5	39.5	6.5	0.2	0.3	1.1	88.3	2.622	Gravel/sand	<5.4	15	15		
				2018/12/10	Sunny	5.1	0.3	8.0	3	Blackish brown	Faint phytoplankton	0.0	20.8	36.1	33.5	7.3	0.3	0.5	1.3	77.3	2.630	Sand/gravel	<4.8	23	23		
				2019/1/20	Sunny	9.9	0.3	5.4	3	Dull yellowish brown	None	0.0	27.7	32.9	28.6	9.1	0.3	0.3	1.3	76.3	2.649	Gravel/sand	<6.0	12	12		
				2019/2/10	Sunny	-0.7	0.2	3.4	3	Grayish yellowish brown	None	0.0	6.0	14.1	44.1	28.7	2.4	1.6	3.2	71.9	2.606	Sand/gravel	<6.0	54	54		
				2018/4/27	Cloudy	23.0	0.3	14.6	3	Grayish yellowish brown	Faint sewage	0.0	20.4	31.4	16.1	21.0	9.3	0.7	1.1	79.9	2.749	Sand/gravel	7.6	58	62.6		
				2018/5/15	Sunny	18.4	0.3	16.1	3	Blackish brown	None	0.0	17.3	24.0	19.5	23.0	13.4	1.0	2.0	79.6	2.720	Gravel/sand	6.7	96	102.7		
				2018/6/5	Sunny	22.3	0.5	21.5	3	Blackish brown	None	0.0	10.3	27.6	26.3	19.7	13.1	1.0	2.1	79.3	2.686	Sand/gravel	9.7	88	97.7		
				2018/7/19	Sunny	31.3	0.4	26.3	3	Grayish yellowish brown	Faint algae	0.0	21.6	32.3	23.0	15.7	5.1	0.9	1.4	80.0	2.681	Sand/gravel	7.3	61	68.3		
				2018/8/3	Sunny	32.9	0.8	28.4	3	Dull yellowish brown	Faint swamp	0.0	38.3	39.8	10.1	6.3	4.1	0.7	0.6	90.2	2.671	Gravel/sand	<4.9	43	43		
				2018/9/2	Cloudy	24.7	0.6	23.5	3	Grayish yellowish brown	Faint algae	1.6	18.7	28.4	17.1	19.3	12.7	0.8	1.5	78.2	2.689	Sand/gravel	6.9	67	73.9		
				2018/10/10	Cloudy	21.4	0.6	20.0	3	Olive brown	None	0.0	5.6	17.7	40.5	27.2	6.6	0.2	2.3	78.7	2.667	Sand/gravel	<5.2	62	62		
				2018/12/10	Sunny	6.5	0.5	7.6	3	Dark olive brown	Faint phytoplankton	0.0	18.0	36.4	21.5	16.2	5.6	0.8	1.5	77.7	2.657	Sand/gravel	<6.1	72	72		
				2019/1/22	Sunny	4.1	0.4	6.0	3	Brownish gray	None	0.0	23.0	15.1	17.0	36.5	6.6	0.0	1.7	80.5	2.871	Gravel/sand	<5.1	33	33		
				2019/2/10	Sunny	0.6	0.3	3.3	3	Grayish yellowish brown	None	0.0	13.0	25.1	32.5	20.9	5.4	0.6	2.4	77.5	2.662	Gravel/sand	5.6	75	80.6		
2018/8/4	Sunny	14.2	0.2	15.4	3	Blackish brown	None	0.0	17.3	11.9	15.0	39.0	12.6	2.1	2.0	75.9	2.760	Sand/gravel	6.3	90	96.3						
2018/6/7	Sunny	29.7	0.1	24.1	3	Grayish yellowish brown	Faint algae	0.0	10.7	27.8	21.8	32.7	4.7	1.0	1.2	78.2	2.682	Sand/gravel	10	69	79						
2018/8/4	Sunny	32.7	0.2	26.8	3	Dull yellowish brown	None	0.0	2.3	13.5	32.4	39.9	8.9	1.3	1.7	76.0	2.686	Sand/gravel	7.2	80	87.2						
2018/10/6	Sunny	30.6	0.4	21.2	3	Brown	None	0.0	6.4	29.5	33.8	26.1	2.4	0.7	1.3	78.1	2.696	Sand/gravel	<5.3	48	48						
2018/1/4	Sunny	18.0	0.3	10.0	3	Dull olive brown	Faint swamp	0.0	2.7	25.5	36.3	28.4	3.6	2.1	1.4	79.1	2.702	Sand/gravel	<5.6	58	63.6						
2018/12/5	Cloudy	13.3	0.3	11.1	3	Dark olive brown	None	0.0	0.5	12.7	28.1	51.8	3.5	0.9	2.5	72.8	2.710	Sand	8.9	85	93.9						
2018/5/6	Sunny	18.6	0.3	14.5	3	Grayish yellowish brown	None	0.0	20.1	46.9	17.8	13.8	0.8	0.0	0.7	82.6	2.682	Gravel/sand	<4.6	40	40						
2018/6/2	Sunny	20.8	0.4	18.6	3	Dull yellowish brown	Faint swamp	0.0	1.0	9.6	41.9	44.4	1.2	0.1	1.8	74.5	2.648	Sand/gravel	<6.0	66	66						
2018/8/16	Cloudy	28.0	0.3	25.0	3	Dull yellowish brown	Faint swamp	0.0	0.1	10.6	22.7	62.6	1.4	0.9	1.8	89.8	2.627	Sand	<6.3	61	61						
2018/10/13	Sunny	13.1	0.5	14.6	3	Yellowish brown	None	0.0	13.0	39.9	26.5	17.4	1.6	0.5	0.9	81.5	2.658	Gravel/sand	<4.5	41	41						
2018/1/13	Sunny	10.0	0.2	9.9	3	Dull yellowish brown	Faint swamp	0.0	1.3	14.9	51.9	28.5	0.9	1.0	1.6	79.4	2.671	Sand	<5.4	41	41						
2018/12/12	Snow	2.2	0.5	3.7	3	Dull yellowish brown	None	0.0	8.3	35.4	25.8	24.0	3.9	1.1	1.6	78.7	2.661	Sand/gravel	<6.6	63	69.6						
2018/4/27	Cloudy	18.7	0.2	14.8	3	Grayish yellowish brown	Faint algae	0.0	10.2	13.6	25.4	45.9	2.1	1.5	1.5	75.9	2.677	Sand/gravel	14	110	124						
2018/5/16	Sunny	24.8	0.4	22.1	3	Grayish yellowish brown	None	0.0	18.7	23.2	33.5	21.7	1.2	0.4	1.4	90.8	2.675	Gravel/sand	9.4	71	80.4						
2018/6/2	Sunny	21.9	0.2	23.4	3	Dark olive brown	Faint swamp	0.0	17.9	17.9	16.9	39.3	5.5	1.3	1.3	76.9	2.670	Sand/gravel	43	450	493						
2018/7/19	Sunny	35.8	0.3	31.6	3	Grayish yellowish brown	Faint algae	0.0	6.5	27.1	38.5	24.0	1.3	1.3	1.3	85.2	2.647	Sand/gravel	9.1	110	119.1						
2018/8/16	Cloudy	28.6	0.2	27.0	3	Dull yellowish brown	Faint sewage	0.0	17.4	18.0	28.1	32.4	2.1	0.7	1.3	78.0	2.655	Sand/gravel	14	120	134						
2018/9/3	Cloudy	25.3	0.3	23.0	3	Grayish yellowish brown	Faint algae	0.0	0.0	0.7	20.7	73.6	2.0	0.1	2.9	73.0	2.612	Sand/gravel	20	230	250						
2018/10/13	Sunny	16.9	0.5	17.2	3	Dark brown	Faint swamp	0.0	13.4	19.7	30.9	30.1	3.1	1.4	1.3	79.4	2.653	Sand/gravel	14	180	194						
2018/12/12	Cloudy	2.5	0.5	3.8	3	Dull yellowish brown	None	0.0	18.2	28.5	27.3	22.2	1.6	0.6	1.6	76.9	2.666	Sand/gravel	13	130	143						
2019/1/23	Sunny	-1.4	0.3	3.2	3	Brownish gray	None	0.0	15.9	21.2	29.9	29.6	1.5	0.1	1.8	76.4	2.659	Gravel/sand	8.1	110	118.1						
2019/2/10	Sunny	2.8	0.3	4.0	3	Grayish yellowish brown	None	0.0	23.5	21.2	25.0	26.1	1.6	0.0	2.7	76.3	2.651	Gravel/sand	8.6	100	108.6						

# Fukushima River (Sediment/Nakadori Area) 8/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks			
No.	Location		Municipality					General items										Sediment content (%)		Density (g/cm <sup>3</sup> )		Property				Activity concentration [Bq/kg(dry)]		
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)			Silt	Clay									
94	Hirose River	Before the confluence with Abukuma River	Date City	2018/4/27	Cloudy	17.9	0.2	15.6	3	Grayish yellowish brown	None	0.0	1.6	13.2	31.6	47.5	3.6	0.0	2.5	74.6	2.680	Sand/gravel	15	150	165			
				2018/5/16	Sunny	28.7	0.2	24.2	3	Blackish brown	None	0.0	15.5	4.3	5.2	65.6	6.3	1.3	1.9	77.7	2.684	Sand/gravel	14	140	154			
				2018/6/2	Sunny	26.8	0.3	27.1	3	Brown	None	0.0	5.1	11.3	35.6	45.2	1.2	0.0	1.7	77.2	2.637	Sand/gravel	9.0	90	99.0			
				2018/7/19	Cloudy	31.4	0.3	30.3	3	Dull yellowish brown	None	0.0	9.0	14.4	24.0	38.3	1.3	1.5	1.5	77.9	2.663	Sand/gravel	9.8	78	87.8			
				2018/8/15	Sunny	33.8	0.2	29.6	3	Dull yellow orange	None	0.0	6.7	16.4	41.5	31.4	1.8	0.8	1.5	78.9	2.658	Sand/gravel	<5.7	48	48			
				2018/9/3	Cloudy	24.3	0.2	22.9	3	Dull yellowish brown	None	0.0	1.0	16.1	40.6	38.7	1.9	0.0	1.7	77.9	2.625	Sand/gravel	6.9	70	76.9			
				2018/10/13	Cloudy	19.2	0.2	18.4	3	Dull yellowish brown	None	0.0	10.0	9.9	24.9	51.3	2.2	0.1	1.6	75.9	2.646	Sand/gravel	7.7	82	91.7			
				2018/12/12	Sunny	2.7	0.3	4.5	3	Brown	None	0.0	0.3	6.1	35.1	53.2	1.5	1.0	2.7	74.6	2.660	Sand		74	81.7			
				2019/1/24	Snow	-0.7	0.2	1.7	3	Grayish yellowish brown	None	3.0	18.7	15.1	21.0	35.8	3.3	1.0	2.1	75.7	2.677	Gravel/sand	<5.7	75	75			
				2019/2/10	Sunny	3.2	0.2	4.2	3	Grayish yellowish brown	Faint swamp	0.0	9.6	3.8	29.6	50.4	2.4	0.9	3.3	74.4	2.654	Sand/gravel	7.9	100	107.9			
				2018/5/8	Cloudy	10.6	0.4	12.6	3	Blackish brown	Faint swamp	0.0	29.9	24.7	17.6	23.1	3.0	0.5	1.3	89.4	2.865	Gravel/sand	<4.3	27	27			
				2018/6/6	Cloudy	20.3	0.5	18.8	3	Blackish brown	Faint swamp	0.0	17.5	36.6	29.4	14.0	1.2	0.3	1.1	81.5	2.841	Gravel/sand	<6.6	31	31			
				2018/8/11	Sunny	28.9	0.6	22.5	3	Blackish brown	Faint swamp	0.0	24.9	30.8	24.6	16.4	1.6	0.5	1.3	78.5	2.754	Sand/gravel	<4.8	30	30			
				2018/10/4	Cloudy	19.7	0.7	17.4	3	Blackish brown	Faint algae	0.0	19.8	36.5	19.7	21.7	1.5	0.0	0.8	77.3	2.914	Sand/gravel	<3.3	21	21			
				2018/11/3	Sunny	8.4	0.5	11.3	3	Blackish brown	Faint algae	0.0	21.3	38.3	28.5	10.4	0.4	0.5	0.8	76.9	2.847	Sand/gravel	<4.8	27	27			
2018/12/5	Cloudy	12.9	0.5	10.6	3	Blackish brown	Faint algae	0.0	23.6	34.7	20.5	18.9	1.0	0.1	1.2	80.7	2.831	Sand/gravel	<6.5	37	37							
96	Matsukawa Bridge	Tanagura Town	2018/5/12	Sunny	20.8	0.3	14.4	3	Brownish gray	Faint fish	0.0	7.5	25.8	30.3	18.6	15.0	1.0	2.0	83.0	2.706	Sand/gravel	<5.0	11	11				
			2018/6/3	Sunny	24.7	0.3	21.2	3	Brownish gray	Faint phytoplankton	0.0	11.6	13.0	32.1	39.2	0.5	1.8	1.7	78.2	2.634	Sand/gravel	<6.3	7.6	7.6				
			2018/8/13	Cloudy	28.6	0.3	23.1	3	Brownish gray	Faint phytoplankton	0.0	9.3	19.5	31.3	29.9	7.2	1.5	1.4	79.8	2.639	Sand/gravel	<4.8	7.1	7.1				
			2018/10/7	Sunny	28.4	0.3	20.2	3	Brownish gray	None	0.0	0.8	4.1	27.5	57.7	7.9	0.2	1.9	76.2	2.642	Sand/gravel	<5.4	12	12				
			2018/11/4	Sunny	16.0	0.4	12.5	3	Brownish gray	Faint fish	0.0	0.4	8.0	37.6	44.0	7.7	0.5	1.8	76.1	2.675	Sand/gravel	<5.4	7.1	7.1				
			2018/12/2	Sunny	8.2	0.3	8.6	3	Brownish gray	Faint fish	0.0	0.2	7.6	38.6	28.8	21.2	1.0	2.7	78.9	2.688	Sand/gravel	<7.4	12	12				
			2018/5/12	Cloudy	22.3	0.4	14.8	3	Grayish yellowish brown	None	0.0	0.5	9.6	19.6	57.8	9.9	0.9	1.8	76.4	2.681	Sand/gravel	<5.2	8.4	8.4				
			2018/6/7	Sunny	24.1	0.5	20.4	3	Grayish yellowish brown	None	0.0	0.6	4.2	14.7	68.1	9.6	0.9	1.9	75.1	2.673	Sand/gravel	<5.9	11	11				
			2018/8/13	Cloudy	28.7	0.6	23.0	3	Grayish yellowish brown	None	0.0	0.1	0.8	3.0	70.3	22.1	1.8	2.0	73.6	2.662	Sand	<3.6	6.8	6.8				
			2018/10/7	Sunny	30.1	0.6	21.9	3	Grayish yellowish brown	None	0.0	2.9	18.4	17.1	48.8	10.5	0.8	1.6	75.4	2.663	Sand/gravel	<5.2	10	10				
			2018/11/4	Cloudy	17.7	0.5	11.5	3	Grayish yellowish brown	None	0.0	0.0	0.2	6.8	70.5	18.5	1.1	3.0	73.2	2.705	Sand	<4.5	14	14				
			2018/12/2	Cloudy	11.2	0.5	7.2	3	Grayish yellowish brown	None	0.0	0.0	3.0	18.6	58.7	15.9	1.0	2.8	74.2	2.701	Sand/gravel	<6.8	8.3	8.3				
			97	Kujigawa River	Takahihara Bridge	Yamatsuri Town	2018/5/12	Cloudy	22.3	0.4	14.8	3	Grayish yellowish brown	None	0.0	0.5	9.6	19.6	57.8	9.9	0.9	1.8	76.4	2.681	Sand/gravel	<5.2	8.4	8.4
							2018/6/7	Sunny	24.1	0.5	20.4	3	Grayish yellowish brown	None	0.0	0.6	4.2	14.7	68.1	9.6	0.9	1.9	75.1	2.673	Sand/gravel	<5.9	11	11
							2018/8/13	Cloudy	28.7	0.6	23.0	3	Grayish yellowish brown	None	0.0	0.1	0.8	3.0	70.3	22.1	1.8	2.0	73.6	2.662	Sand	<3.6	6.8	6.8
2018/10/7	Sunny	30.1					0.6	21.9	3	Grayish yellowish brown	None	0.0	2.9	18.4	17.1	48.8	10.5	0.8	1.6	75.4	2.663	Sand/gravel	<5.2	10	10			
2018/11/4	Cloudy	17.7					0.5	11.5	3	Grayish yellowish brown	None	0.0	0.0	0.2	6.8	70.5	18.5	1.1	3.0	73.2	2.705	Sand	<4.5	14	14			
2018/12/2	Cloudy	11.2					0.5	7.2	3	Grayish yellowish brown	None	0.0	0.0	3.0	18.6	58.7	15.9	1.0	2.8	74.2	2.701	Sand/gravel	<6.8	8.3	8.3			

# Fukushima River (Surrounding Environment/Nakadori Area) 1/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
							Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]				Air Dose (μSv/h)
										Radioactive cesium							Radioactive cesium				
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total										
R i v e r s	54	Habuto Bridge	Nishigo Village	2018/5/8	Cloudy	10.2	Blackish brown	Faint earth	Loamy	480	4,800	5,280	0.26	Blackish brown	Faint earth	Loamy	310	3,000	3,310	0.20	
				2018/6/2	Sunny	24.7	Blackish brown	Faint earth	Loamy	140	1,600	1,740	0.23	Dark brown	Faint earth	Loamy	290	2,700	2,990	0.18	
				2018/8/12	Cloudy	26.5	Blackish brown	Faint earth	Loamy	430	4,600	5,030	0.26	Blackish brown	Faint grass	Loamy	240	2,700	2,940	0.20	
				2018/10/4	Cloudy	19.6	Blackish brown	Faint earth	Loamy	220	2,300	2,520	0.24	Blackish brown	Faint earth	Loamy	160	1,900	2,060	0.19	
				2018/11/2	Sunny	15.7	Blackish brown	Faint earth	Loamy	210	2,600	2,810	0.24	Blackish brown	Faint earth	Loamy	220	2,600	2,820	0.19	
	55	Abukuma River	Tamachi-ohashi Bridge	Shirakawa City	2018/12/2	Sunny	11.9	Blackish brown	Faint earth	Loamy	190	2,100	2,290	0.23	Blackish brown	Faint earth	Loamy	140	1,700	1,840	0.20
					2018/4/24	Rain	14.3	Dark brown	Faint earth	Loamy	110	1,100	1,210	0.13	Dull yellowish brown	Faint earth	Loamy	170	1,600	1,770	0.10
					2018/5/10	Cloudy	16.3	Blackish brown	Faint earth	Loamy	140	1,500	1,640	0.17	Blackish brown	Faint earth	Loamy	73	890	963	0.14
					2018/6/2	Sunny	21.4	Blackish brown	Faint earth	Loamy	240	2,300	2,540	0.17	Blackish brown	Faint earth	Loamy	59	640	699	0.13
					2018/7/14	Sunny	29.7	Dark brown	Faint earth	Loamy	360	3,900	4,260	0.19	Grayish yellowish brown	Faint earth	Loamy	110	1,100	1,210	0.13
					2018/8/7	Cloudy	19.5	Blackish brown	Faint earth	Loamy	140	1,600	1,740	0.17	Blackish brown	Faint earth	Loamy	87	830	917	0.16
					2018/9/2	Rain	20.7	Dark brown	Faint earth	Loamy	350	4,200	4,550	0.12	Grayish yellowish brown	Faint earth	Loamy	160	1,700	1,860	0.10
					2018/10/4	Cloudy	20.5	Blackish brown	Faint earth	Loamy	140	1,600	1,740	0.17	Blackish brown	Faint earth	Loamy	95	960	1,055	0.14
					2018/12/4	Sunny	18.0	Blackish brown	Faint earth	Loamy	180	2,200	2,380	0.16	Dark brown	Faint earth	Loamy	77	970	1,047	0.14
					2019/1/14	Sunny	-1.5	Dark brown	Faint earth	Loamy	260	3,100	3,360	0.17	Dull yellowish brown	Faint earth	Loamy	94	1,200	1,294	0.13
	56	Yanta River	Before the confluence with Abukuma River		2019/2/1	Cloudy	0.2	Dark brown	Faint earth	Loamy	120	1,600	1,720	0.17	Dark brown	Faint earth	Loamy	70	780	850	0.15
					2018/5/8	Cloudy	9.8	Dark brown	Faint earth	Loamy	190	1,800	1,990	0.17	Blackish brown	Faint earth	Loamy	360	3,600	3,960	0.16
					2018/6/2	Sunny	20.7	Blackish brown	Faint earth	Loamy	210	2,100	2,310	0.20	Blackish brown	Faint earth	Loamy	120	1,100	1,220	0.19
					2018/8/12	Cloudy	25.0	Dark brown	Faint earth	Loamy	200	2,100	2,300	0.18	Blackish brown	Faint earth	Loamy	190	1,800	1,990	0.19
					2018/10/5	Cloudy	20.2	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.19	Blackish brown	Faint earth	Loamy	150	1,500	1,650	0.18
	57	Yashiro River	Yashirogawa Bridge	Tanagura Town	2018/11/3	Cloudy	13.8	Dark brown	Faint earth	Loamy	220	2,600	2,820	0.17	Blackish brown	Faint earth	Loamy	120	1,400	1,520	0.16
					2018/12/1	Cloudy	11.1	Dark brown	Faint earth	Loamy	210	2,500	2,710	0.17	Blackish brown	Faint earth	Loamy	170	1,800	1,970	0.17
					2018/5/12	Cloudy	16.1	Blackish brown	Faint earth	Loamy	56	440	496	0.09	Black	Faint earth	Loamy	150	1,500	1,650	0.11
					2018/6/3	Sunny	20.8	Blackish brown	Faint earth	Loamy	23	290	313	0.09	Blackish brown	Faint earth	Loamy	36	310	346	0.12
					2018/8/12	Cloudy	28.9	Blackish brown	Faint earth	Loamy	38	440	478	0.10	Black	Faint earth	Loamy	85	840	925	0.13
	58	Kitasu River	Yanagi Bridge	Hirata Village	2018/10/7	Sunny	25.1	Blackish brown	Faint earth	Loamy	40	400	440	0.09	Black	Faint earth	Loamy	67	800	867	0.12
					2018/11/4	Cloudy	10.6	Blackish brown	Faint earth	Loamy	43	440	483	0.10	Black	Faint grass	Loamy	56	680	736	0.13
					2018/12/2	Sunny	1.3	Blackish brown	Faint earth	Loamy	30	380	410	0.10	Blackish brown	Faint earth	Loamy	50	590	640	0.12
					2018/5/11	Sunny	19.1	Dark brown	Faint earth	Loamy	22	150	172	0.09	Dark brown	Faint earth	Loamy	8.0	95	103.0	0.09
					2018/6/4	Sunny	22.7	Dark brown	Faint earth	Loamy	24	210	234	0.08	Blackish brown	Faint earth	Loamy	29	190	219	0.08
	59	Imade River	Nekonaki Bridge	Ishikawa Town	2018/8/10	Sunny	31.2	Blackish brown	Faint earth	Loamy	16	160	176	0.10	Blackish brown	Faint earth	Loamy	20	190	210	0.08
					2018/10/3	Cloudy	19.6	Blackish brown	Faint earth	Loamy	20	170	190	0.08	Dark brown	Faint earth	Loamy	21	200	221	0.09
					2018/11/9	Cloudy	16.0	Blackish brown	Faint earth	Loamy	18	190	208	0.07	Blackish brown	Faint earth	Loamy	24	240	264	0.08
					2018/12/17	Cloudy	1.8	Dark brown	None	Sandy	16	170	186	0.06	Blackish brown	None	Loamy	15	190	205	0.06
					2018/5/6	Sunny	27.8	Dark brown	Faint earth	Loamy	38	360	398	0.10	Dark brown	Faint earth	Loamy	40	360	400	0.09
	60	Yashiro River	Oji Bridge		2018/6/4	Sunny	25.3	Dark brown	Faint earth	Loamy	17	140	157	0.11	Dark brown	Faint earth	Loamy	35	430	465	0.09
					2018/8/14	Sunny	29.4	Dark brown	Faint earth	Loamy	9.9	110	119.9	0.11	Dark brown	Faint earth	Loamy	44	470	514	0.09
					2018/10/7	Sunny	25.7	Dark brown	Faint earth	Loamy	31	370	401	0.11	Dark brown	Faint earth	Loamy	65	730	795	0.09
					2018/11/3	Sunny	15.1	Dark brown	Faint earth	Loamy	33	320	353	0.11	Dark brown	Faint earth	Loamy	51	540	591	0.08
					2018/12/1	Sunny	5.9	Dark brown	Faint earth	Loamy	28	310	338	0.12	Dark brown	Faint earth	Loamy	55	580	635	0.09
				2018/5/6	Sunny	27.6	Blackish brown	Faint earth	Loamy	13	120	133	0.07	Black	Faint earth	Loamy	120	1,300	1,420	0.09	
				2018/6/3	Sunny	27.4	Dark brown	Faint earth	Loamy	15	170	185	0.06	Blackish brown	Faint earth	Loamy	22	270	292	0.08	
				2018/8/14	Sunny	27.1	Blackish brown	Faint earth	Loamy	15	180	195	0.06	Black	Faint earth	Loamy	79	900	979	0.09	
				2018/10/5	Cloudy	21.8	Blackish brown	Faint earth	Loamy	9.1	82	91.1	0.07	Black	Faint earth	Loamy	37	410	447	0.10	
				2018/11/3	Sunny	13.5	Blackish brown	Faint earth	Loamy	14	130	144	0.06	Black	Faint earth	Loamy	44	490	534	0.10	
				2018/12/1	Cloudy	8.8	Dark brown	Faint earth	Loamy	14	180	194	0.07	Black	Faint grass	Loamy	47	600	647	0.10	

# Fukushima River (Surrounding Environment/Nakadori Area) 2/8

R i v e r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)																	Remarks
	No.	Location	Municipality				Left bank						Right bank											
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)				
										Radioactive cesium							Radioactive cesium							
Cs-134	Cs-137	Total	Cs-134	Cs-137	Total																			
61	Abukuma River	Kawanome Bridge	Tamakawa Village/ Yabuki Town	2018/4/24	Cloudy	15.1	Blackish brown	Faint earth	Loamy	42	380	422	0.07	Dark brown	Faint earth	Loamy	31	250	281	0.06				
				2018/5/11	Sunny	21.4	Black	Faint earth	Loamy	8.4	62	70.4	0.08	Dark brown	Faint earth	Loamy	12	150	162	0.08				
				2018/6/2	Sunny	23.6	Black	Faint earth	Loamy	38	290	328	0.06	Blackish brown	Faint earth	Loamy	11	110	121	0.08				
				2018/7/14	Sunny	31.7	Blackish brown	Faint earth	Loamy	87	870	957	0.09	Dark brown	Faint earth	Loamy	33	300	333	0.09				
				2018/8/13	Cloudy	25.5	Black	Faint earth	Loamy	110	1,400	1,510	0.09	Blackish brown	Faint earth	Loamy	18	170	188	0.09				
				2018/9/2	Cloudy	22.2	Blackish brown	Faint earth	Loamy	76	920	996	0.08	Blackish brown	Faint earth	Loamy	31	320	351	0.08				
				2018/10/5	Cloudy	21.8	Black	Faint earth	Loamy	24	300	324	0.09	Blackish brown	Faint earth	Loamy	36	330	366	0.09				
				2018/12/17	Sunny	9.7	Blackish brown	Faint earth	Loamy	32	350	382	0.07	Blackish brown	None	Loamy	27	310	337	0.07				
				2019/1/14	Sunny	2.8	Dark brown	Faint earth	Loamy	28	310	338	0.11	Dark brown	Faint earth	Loamy	32	350	382	0.08				
				2019/2/1	Cloudy	0.4	Blackish brown	Faint earth	Loamy	<13	91	91	0.09	Dark brown	Faint earth	Loamy	31	300	331	0.08				
	62	Emochi Bridge	Sukagawa City	2018/5/1	Sunny	25.6	Dark brown	Faint earth	Loamy	140	1,700	1,840	0.15	Blackish brown	Faint earth	Loamy	45	450	495	0.14				
				2018/6/10	Cloudy	19.1	Dull yellowish brown	None	Loamy	130	1,200	1,330	0.11	Dark brown	None	Loamy	65	580	645	0.08				
				2018/8/27	Cloudy	25.5	Dull yellowish brown	Faint earth	Loamy	130	1,300	1,430	0.17	Dull yellowish brown	Faint earth	Loamy	52	640	692	0.14				
				2018/10/6	Cloudy	21.8	Blackish brown	Faint earth	Loamy	97	960	1,057	0.10	Blackish brown	Faint earth	Loamy	42	470	512	0.09				
				2018/11/25	Sunny	10.7	Dark brown	Faint earth	Loamy	110	1,400	1,510	0.15	Dark brown	Faint earth	Loamy	43	540	583	0.13				
				2018/12/18	Sunny	4.9	Blackish brown	None	Loamy	27	340	367	0.09	Dark brown	Faint earth	Loamy	52	650	702	0.09				
				2018/5/1	Sunny	26.2	Dull yellowish brown	Faint earth	Loamy	71	670	741	0.13	Dull yellowish brown	Faint earth	Loamy	38	310	348	0.11				
				2018/6/10	Rain	17.5	Blackish brown	None	Loamy	42	450	492	0.07	Dark brown	None	Loamy	9.5	130	139.5	0.08				
				2018/8/27	Cloudy	26.2	Dull yellowish brown	Faint earth	Loamy	66	710	776	0.13	Brown	Faint earth	Loamy	<7.7	59	59	0.10				
				2018/10/6	Sunny	23.4	Blackish brown	Faint earth	Loamy	37	400	437	0.05	Blackish brown	Faint earth	Loamy	8.5	85	93.5	0.07				
63	Shakado River	Sukagawa City water intake point	Sukagawa City	2018/11/25	Sunny	12.3	Dull yellowish brown	Faint earth	Loamy	49	530	579	0.14	Brown	Faint earth	Loamy	6.5	81	87.5	0.08				
				2018/12/18	Sunny	8.1	Blackish brown	Faint earth	Loamy	82	950	1,032	0.06	Blackish brown	Faint earth	Loamy	13	150	163	0.06				
				2018/4/24	Rain	12.9	Dull yellowish brown	Faint earth	Loamy	87	820	907	0.11	Dull yellowish brown	Faint earth	Loamy	85	760	845	0.12				
				2018/5/14	Sunny	20.3	Blackish brown	Faint earth	Loamy	34	370	404	0.13	Dull yellowish brown	Faint earth	Loamy	40	400	440	0.13				
				2018/6/10	Cloudy	18.4	Dull yellowish brown	None	Loamy	100	950	1,050	0.11	Dull yellowish brown	Faint earth	Loamy	79	740	819	0.10				
				2018/7/14	Sunny	26.8	Dark brown	Faint earth	Loamy	79	850	929	0.14	Dark brown	Faint earth	Loamy	59	640	699	0.12				
				2018/8/7	Cloudy	19.7	Dark brown	Faint earth	Loamy	46	500	546	0.16	Dark brown	Faint earth	Loamy	27	370	397	0.17				
				2018/9/2	Cloudy	24.7	Dark brown	Faint earth	Loamy	192	1,400	1,520	0.11	Dark brown	Faint earth	Loamy	79	960	1,039	0.09				
				2018/10/6	Sunny	23.8	Dark brown	None	Loamy	50	630	680	0.09	Dark brown	Faint earth	Loamy	69	770	839	0.09				
				2018/12/18	Sunny	7.8	Dark brown	Faint earth	Loamy	72	860	932	0.10	Dark brown	None	Loamy	45	510	555	0.10				
64	Before the confluence with Abukuma River	Koriyama City	2019/1/14	Sunny	6.0	Dark brown	Faint earth	Loamy	59	680	739	0.14	Dark brown	Faint earth	Loamy	80	870	950	0.10					
			2019/2/1	Sunny	3.5	Dull yellowish brown	Faint earth	Loamy	60	580	640	0.14	Dark brown	Faint earth	Loamy	85	1,100	1,185	0.14					
			2018/5/1	Sunny	27.2	Blackish brown	Faint earth	Loamy	170	1,600	1,770	0.17	Grayish yellowish brown	Faint earth	Loamy	210	2,000	2,210	0.14					
			2018/6/10	Cloudy	17.4	Dark brown	None	Loamy	210	1,900	2,110	0.19	Dull yellowish brown	None	Loamy	150	1,500	1,650	0.13					
			2018/8/25	Sunny	30.4	Dull yellowish brown	Faint earth	Loamy	86	1,100	1,186	0.28	Dull yellowish brown	Faint earth	Loamy	120	1,400	1,520	0.17					
			2018/10/7	Cloudy	24.1	Dark brown	Faint earth	Loamy	370	4,100	4,470	0.22	Blackish brown	None	Loamy	110	1,200	1,310	0.13					
			2018/11/25	Sunny	5.5	Dark brown	Faint earth	Loamy	120	1,300	1,420	0.28	Dull yellowish brown	Faint earth	Loamy	130	1,400	1,530	0.19					
			2018/12/19	Sunny	12.2	Dark brown	Faint earth	Loamy	300	3,700	4,000	0.21	Dark brown	Faint earth	Loamy	94	1,100	1,194	0.13					
			2018/5/3	Rain	18.5	Blackish brown	Faint earth	Loamy	63	600	663	0.10	Blackish brown	Faint earth	Loamy	230	2,300	2,530	0.15					
			2018/6/1	Sunny	18.8	Blackish brown	Faint earth	Loamy	48	550	598	0.11	Blackish brown	Faint earth	Loamy	290	2,900	3,190	0.15					
66	Yatagawa River	Yatagawa Bridge	Koriyama City	2018/8/25	Sunny	28.5	Dull yellowish brown	Faint earth	Loamy	42	460	502	0.17	Dull yellowish brown	Faint earth	Loamy	240	2,400	2,640	0.21				
				2018/10/7	Cloudy	24.6	Blackish brown	Faint earth	Loamy	64	740	804	0.11	Blackish brown	None	Loamy	160	2,000	2,160	0.14				
				2018/11/23	Sunny	5.3	Dark brown	Faint earth	Loamy	48	540	588	0.15	Dark brown	Faint earth	Loamy	220	2,600	2,820	0.22				
				2018/12/20	Rain	4.6	Blackish brown	Faint earth	Loamy	53	650	703	0.11	Blackish brown	None	Loamy	180	2,100	2,280	0.13				

# Fukushima River (Surrounding Environment/Nakadori Area) 3/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)											Remarks				
No.	Location		Municipality				Left bank					Right bank										
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)		
										Radioactive cesium							Radioactive cesium					
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total				Cs-134	Cs-137	Total								
R i v e r s	67	Ofakine River	Funehiki Bridge	Tamura City	2018/5/3	Cloudy	22.1	Blackish brown	Faint earth	Loamy	94	1,100	1,194	0.07	Blackish brown	Faint earth	Loamy	63	600	663	0.07	
					2018/6/13	Sunny	21.9	Blackish brown	Faint earth	Loamy	20	230	250	0.06	Blackish brown	Faint earth	Loamy	92	1,000	1,092	0.06	
					2018/8/5	Sunny	30.8	Grayish yellowish brown	Faint earth	Loamy	73	720	793	0.06	Grayish yellowish brown	Faint earth	Loamy	100	1,100	1,200	0.07	
					2018/10/3	Cloudy	20.8	Blackish brown	Faint earth	Loamy	32	380	412	0.06	Blackish brown	Faint earth	Loamy	89	940	1,029	0.07	
					2018/11/3	Sunny	8.0	Dark brown	Faint earth	Loamy	21	230	251	0.10	Dark brown	Faint earth	Loamy	110	1,100	1,210	0.12	
					2018/12/4	Sunny	18.6	Dark brown	Faint earth	Loamy	21	250	271	0.09	Blackish brown	Faint earth	Loamy	100	1,100	1,200	0.10	
	68		Before the confluence with Abukuma River			2018/5/2	Cloudy	23.4	Dark brown	Faint earth	Loamy	100	910	1,010	0.12	Blackish brown	Faint earth	Loamy	150	1,500	1,650	0.12
						2018/6/1	Sunny	22.8	Dark brown	None	Loamy	90	890	980	0.12	Grayish yellowish brown	None	Loamy	150	1,600	1,750	0.10
						2018/8/25	Cloudy	30.6	Dull yellowish brown	Faint earth	Loamy	170	1,500	1,670	0.17	Dull yellowish brown	Faint earth	Loamy	160	1,400	1,560	0.16
						2018/10/7	Cloudy	24.0	Dark brown	Faint earth	Loamy	93	1,000	1,093	0.12	Blackish brown	Faint earth	Loamy	130	1,700	1,830	0.09
						2018/11/23	Sunny	8.0	Dull yellowish brown	Faint earth	Loamy	82	980	1,062	0.18	Dull yellowish brown	Faint earth	Loamy	130	1,400	1,530	0.15
						2018/12/20	Rain	4.6	Blackish brown	Faint earth	Loamy	160	1,800	1,960	0.13	Dark brown	None	Loamy	110	1,200	1,310	0.11
	69		Before the confluence with Babagawa River			2018/5/1	Sunny	21.6	Dark brown	None	Loamy	220	2,300	2,520	0.21	Dark brown	None	Loamy	260	2,600	2,860	0.21
						2018/6/20	Rain	18.4	Blackish brown	Faint earth	Loamy	140	1,400	1,540	0.17	Blackish brown	None	Loamy	420	4,300	4,720	0.19
						2018/8/26	Cloudy	31.6	Dull yellowish brown	Faint earth	Loamy	240	2,400	2,640	0.25	Dull yellowish brown	Faint earth	Loamy	260	2,700	2,960	0.29
						2018/10/3	Sunny	23.1	Dark brown	None	Loamy	190	2,200	2,390	0.17	Blackish brown	None	Loamy	230	2,800	3,030	0.18
						2018/11/25	Sunny	13.8	Dull yellowish brown	Faint earth	Loamy	160	1,800	1,960	0.24	Dark brown	Faint earth	Loamy	210	2,500	2,710	0.29
						2018/12/20	Sunny	8.4	Dark brown	Faint earth	Loamy	150	1,800	1,950	0.15	Blackish brown	Faint earth	Loamy	210	2,500	2,710	0.18
	70		Ouse River	Makunouchi Bridge	Koriyama City	2018/5/1	Sunny	23.6	Grayish yellowish brown	None	Loamy	320	3,100	3,420	0.22	Grayish yellowish brown	None	Loamy	180	1,500	1,680	0.23
						2018/6/22	Sunny	22.7	Blackish brown	Faint earth	Loamy	200	2,100	2,300	0.17	Dark brown	None	Loamy	150	1,400	1,550	0.23
2018/8/28						Rain	24.3	Blackish brown	Faint earth	Loamy	450	5,000	5,450	0.24	Dull yellowish brown	Faint earth	Loamy	82	950	1,032	0.29	
2018/10/3						Sunny	25.7	Blackish brown	Faint earth	Loamy	230	2,700	2,930	0.17	Dark brown	Faint earth	Loamy	140	1,300	1,440	0.18	
2018/11/23						Cloudy	6.8	Dull yellowish brown	Faint earth	Loamy	250	2,900	3,150	0.24	Brown	Faint earth	Loamy	73	870	943	0.29	
2018/12/21						Sunny	4.5	Blackish brown	Faint earth	Loamy	320	3,800	4,120	0.16	Dark brown	None	Loamy	70	840	910	0.17	
71		Before the confluence with Abukuma River		Koriyama City	2018/4/28	Sunny	15.3	Dark brown	Faint earth	Loamy	200	1,800	2,000	0.22	Dark brown	Faint earth	Loamy	130	1,400	1,530	0.23	
					2018/5/17	Cloudy	20.8	Dark brown	None	Loamy	240	2,800	3,040	0.25	Blackish brown	None	Loamy	160	1,500	1,660	0.22	
					2018/6/1	Cloudy	21.4	Blackish brown	None	Loamy	190	1,900	2,090	0.26	Blackish brown	None	Loamy	140	1,300	1,440	0.23	
					2018/7/15	Sunny	28.3	Dark brown	Faint earth	Loamy	230	2,100	2,330	0.31	Dark brown	Faint earth	Loamy	120	1,200	1,320	0.31	
					2018/8/1	Sunny	30.4	Dull yellowish brown	Faint earth	Loamy	240	2,300	2,540	0.42	Dull yellowish brown	Faint earth	Loamy	120	1,300	1,420	0.27	
					2018/9/11	Cloudy	19.8	Dark brown	Faint earth	Loamy	210	2,100	2,310	0.31	Dark brown	Faint earth	Loamy	160	1,500	1,660	0.27	
					2018/10/22	Sunny	8.4	Blackish brown	Faint earth	Loamy	210	2,200	2,410	0.24	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.21	
					2018/12/1	Cloudy	4.8	Dark brown	Faint earth	Loamy	160	1,800	1,960	0.26	Blackish brown	Faint earth	Loamy	140	1,700	1,840	0.24	
					2019/1/19	Sunny	8.3	Dark brown	Faint earth	Loamy	170	1,900	2,070	0.34	Blackish brown	Faint earth	Loamy	110	1,400	1,510	0.34	
					2019/2/4	Cloudy	7.2	Dark brown	Faint earth	Loamy	170	1,900	2,070	0.37	Blackish brown	Faint earth	Loamy	130	1,600	1,730	0.35	
72	Abukuma River	Akutsu Bridge			2018/4/28	Sunny	17.2	Grayish yellowish brown	Faint earth	Loamy	15	160	175	0.09	Dull yellowish brown	Faint earth	Loamy	51	550	601	0.12	
					2018/5/17	Cloudy	24.2	Grayish yellowish brown	None	Sandy	24	250	274	0.08	Blackish brown	Faint earth	Loamy	64	730	794	0.13	
					2018/6/1	Sunny	22.7	Blackish brown	None	Sandy	16	170	186	0.09	Blackish brown	None	Loamy	67	660	727	0.12	
					2018/7/15	Sunny	30.3	Dull yellowish brown	Faint earth	Loamy	15	140	155	0.13	Dark brown	Faint earth	Loamy	57	450	507	0.15	
					2018/8/1	Sunny	33.9	Grayish yellowish brown	Faint grass	Loamy	18	220	238	0.14	Blackish brown	Faint grass	Loamy	60	550	610	0.19	
					2018/9/11	Sunny	22.9	Grayish yellowish brown	Faint earth	Loamy	17	180	197	0.10	Dark brown	Faint earth	Loamy	57	590	647	0.14	
					2018/10/22	Sunny	13.8	Blackish brown	None	Sandy	23	280	303	0.09	Blackish brown	None	Loamy	46	550	596	0.10	
					2018/12/1	Cloudy	7.2	Grayish yellowish brown	None	Sandy	52	560	612	0.09	Blackish brown	Faint earth	Loamy	22	270	292	0.11	
					2019/1/19	Sunny	7.0	Grayish yellowish brown	Faint earth	Loamy	17	170	187	0.13	Dark brown	Faint earth	Loamy	53	630	683	0.17	
					2019/2/4	Sunny	8.0	Dull yellowish brown	Faint earth	Loamy	23	250	273	0.13	Dark brown	Faint earth	Loamy	50	650	700	0.16	

# Fukushima River (Surrounding Environment/Nakadori Area) 4/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)											Remarks							
No.	Location		Municipality				Left bank						Right bank												
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]								
										Radioactive cesium							Radioactive cesium								
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total														
R i v e r s	73	After the confluence with Ishimuro River	Koriyama City	2018/5/2	Cloudy	22.4	Dark brown	Faint earth	Loamy	140	1,100	1,240	0.14	Dark brown	Faint earth	Loamy	340	3,100	3,440	0.14					
				2018/6/4	Sunny	28.8	Blackish brown	Faint earth	Loamy	110	1,200	1,310	0.14	Blackish brown	Faint earth	Loamy	300	2,700	3,000	0.13					
				2018/8/5	Cloudy	31.0	Dull yellowish brown	Faint earth	Loamy	56	620	676	0.15	Blackish brown	Faint earth	Loamy	200	1,900	2,100	0.12					
				2018/10/4	Cloudy	21.5	Blackish brown	None	Loamy	110	1,200	1,310	0.15	Blackish brown	Faint earth	Loamy	160	1,700	1,860	0.12					
				2018/11/2	Cloudy	15.9	Dark brown	Faint earth	Loamy	85	850	935	0.13	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.12					
				2018/12/1	Rain	8.1	Dark brown	Faint earth	Loamy	110	1,400	1,510	0.15	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.13					
				2018/5/2	Cloudy	19.8	Blackish brown	Faint earth	Loamy	910	8,500	9,410	0.23	Dark brown	Faint oil	Loamy	460	4,400	4,860	0.20					
				2018/6/4	Sunny	28.6	Grayish yellowish brown	Faint earth	Loamy	290	3,000	3,290	0.21	Grayish yellowish brown	Faint earth	Loamy	180	1,800	1,980	0.20					
				2018/8/5	Sunny	33.1	Grayish yellowish brown	Faint earth	Loamy	480	5,200	5,680	0.22	Grayish yellowish brown	Faint earth	Loamy	320	3,300	3,620	0.20					
				2018/10/4	Cloudy	22.6	Blackish brown	Faint earth	Loamy	350	4,000	4,350	0.20	Dark brown	Faint earth	Loamy	330	3,900	4,230	0.19					
	74	Gohyaku River	Kamiskishita Bridge	Motomiya City	2018/11/2	Cloudy	16.7	Dark brown	Faint earth	Loamy	930	11,000	11,930	0.22	Dark brown	Faint earth	Loamy	370	4,400	4,770	0.24				
					2018/12/1	Rain	9.4	Blackish brown	Faint earth	Loamy	250	3,000	3,250	0.21	Dark brown	Faint earth	Loamy	180	2,100	2,280	0.20				
					2018/4/27	Cloudy	22.0	Dull yellowish brown	Faint earth	Loamy	460	4,800	5,260	0.32	Dark brown	Faint earth	Loamy	600	5,800	6,400	0.40				
					2018/5/17	Cloudy	21.7	Dull yellowish brown	Faint earth	Loamy	470	4,600	5,070	0.31	Blackish brown	Faint earth	Loamy	270	2,300	2,570	0.36				
					2018/6/4	Sunny	21.7	Grayish yellowish brown	Faint earth	Loamy	580	5,600	6,180	0.39	Blackish brown	Faint earth	Loamy	340	3,000	3,340	0.38				
					2018/7/4	Cloudy	25.8	Dull yellowish brown	Faint earth	Loamy	1,600	16,000	17,600	0.35	Dull yellowish brown	Faint earth	Loamy	380	3,800	4,180	0.42				
					2018/8/13	Cloudy	30.4	Dull yellowish brown	None	Loamy	520	5,700	6,220	0.36	Dark brown	None	Loamy	320	3,100	3,420	0.33				
					2018/9/3	Cloudy	25.9	Grayish yellowish brown	Faint earth	Loamy	1,800	19,000	20,800	0.35	Dark brown	Faint earth	Loamy	290	2,900	3,190	0.46				
					2018/10/4	Sunny	22.9	Dark brown	None	Loamy	670	7,100	7,770	0.35	Blackish brown	Faint earth	Loamy	210	2,100	2,310	0.34				
					2018/12/12	Cloudy	4.3	Grayish yellowish brown	Faint earth	Loamy	480	5,600	6,080	0.33	Blackish brown	Faint earth	Loamy	150	1,700	1,850	0.33				
	75	Abukuma River	Before the confluence with Abukuma River	Motomiya City	2019/1/25	Sunny	6.9	Dull yellowish brown	Faint earth	Loamy	1,000	13,000	14,000	0.39	Dark brown	Faint earth	Loamy	440	4,700	5,140	0.45				
					2019/2/15	Sunny	9.0	Dark brown	Faint earth	Loamy	380	4,600	4,980	0.42	Dark brown	Faint earth	Loamy	380	4,400	4,780	0.52				
					2018/4/27	Cloudy	18.4	Dark brown	Faint earth	Loamy	410	3,800	4,210	0.36	Dark brown	Faint earth	Loamy	130	1,200	1,330	0.21				
					2018/5/14	Sunny	20.2	Blackish brown	Faint earth	Loamy	680	6,800	7,480	0.35	Blackish brown	Faint earth	Loamy	170	1,500	1,670	0.21				
					2018/6/1	Sunny	21.2	Brown	Faint earth	Loamy	430	4,100	4,530	0.37	Dark brown	Faint earth	Loamy	130	1,200	1,330	0.20				
					2018/7/18	Sunny	31.5	Dull yellowish brown	Faint earth	Loamy	1,200	12,000	13,200	0.33	Dark brown	Faint grass	Loamy	93	910	1,003	0.22				
					2018/8/6	Cloudy	23.6	Brown	Faint earth	Loamy	430	4,800	5,230	0.47	Dark brown	Faint earth	Loamy	79	790	869	0.30				
					2018/9/1	Cloudy	22.0	Blackish brown	Faint earth	Loamy	340	3,600	3,940	0.40	Blackish brown	Faint earth	Loamy	73	890	963	0.24				
					2018/10/5	Sunny	20.8	Blackish brown	Faint earth	Loamy	750	7,900	8,650	0.35	Blackish brown	Faint earth	Loamy	150	1,700	1,850	0.20				
					2018/12/4	Sunny	15.0	Dark brown	Faint earth	Loamy	570	6,500	7,070	0.35	Dark brown	Faint earth	Loamy	120	1,200	1,320	0.21				
	76	Abukuma River	Takada Bridge	Nihonmatsu City	2019/1/24	Sunny	3.8	Dark brown	Faint earth	Loamy	670	7,900	8,570	0.42	Dark brown	Faint earth	Loamy	83	920	1,003	0.22				
					2019/2/16	Cloudy	5.2	Dull yellow orange	Faint earth	Loamy	2,600	31,000	33,600	0.35	Dark brown	Faint earth	Loamy	78	810	888	0.15				
					2018/5/13	Cloudy	18.5	Dark brown	Faint earth	Loamy	120	1,100	1,220	0.15	Dark brown	Faint earth	Loamy	220	1,900	2,120	0.14				
					2018/6/19	Cloudy	26.0	Dull yellowish brown	Faint earth	Loamy	110	1,100	1,210	0.15	Dark brown	Faint earth	Loamy	110	960	1,070	0.12				
					2018/8/5	Sunny	30.7	Grayish yellowish brown	Faint earth	Loamy	100	1,000	1,100	0.14	Grayish yellowish brown	Faint earth	Loamy	220	2,300	2,520	0.14				
					2018/10/20	Cloudy	15.2	Blackish brown	Faint earth	Loamy	150	1,600	1,750	0.13	Blackish brown	Faint earth	Loamy	170	1,900	2,070	0.11				
					2018/11/3	Sunny	17.4	Dark brown	Faint earth	Loamy	79	850	929	0.12	Dark brown	Faint earth	Loamy	160	1,700	1,860	0.14				
					2018/12/14	Snow	1.2	Blackish brown	Faint earth	Loamy	100	1,100	1,200	0.13	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.12				
					77	Kuchibuto River	Kuchibutogawa Bridge	Nihonmatsu City	2018/5/2	Cloudy	22.4	Dark brown	Faint earth	Loamy	140	1,100	1,240	0.14	Dark brown	Faint earth	Loamy	340	3,100	3,440	0.14
									2018/6/4	Sunny	28.8	Blackish brown	Faint earth	Loamy	110	1,200	1,310	0.14	Blackish brown	Faint earth	Loamy	300	2,700	3,000	0.13
2018/8/5	Cloudy	31.0	Dull yellowish brown	Faint earth					Loamy	56	620	676	0.15	Blackish brown	Faint earth	Loamy	200	1,900	2,100	0.12					
2018/10/4	Cloudy	21.5	Blackish brown	None					Loamy	110	1,200	1,310	0.15	Blackish brown	Faint earth	Loamy	160	1,700	1,860	0.12					

# Fukushima River (Surrounding Environment/Nakadori Area) 5/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)											Remarks			
No.	Location		Municipality				Left bank				Right bank										
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]				
										Radioactive cesium							Radioactive cesium				
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total										
R i v e r s	78	Utsushi River	Osegawa Bridge	Nihonmatsu City	2018/4/26	Sunny	19.0	Dull yellowish brown	Faint earth	Loamy	130	1,200	1,330	0.17	Dark brown	Faint earth	Loamy	290	3,000	3,290	0.26
					2018/5/14	Sunny	23.0	Dark brown	Faint earth	Loamy	270	2,500	2,770	0.16	Blackish brown	None	Loamy	350	3,300	3,650	0.26
					2018/6/7	Sunny	25.2	Dull yellowish brown	Faint earth	Loamy	130	1,500	1,630	0.21	Blackish brown	Faint earth	Loamy	220	2,400	2,620	0.28
					2018/7/18	Sunny	31.3	Dull yellowish brown	Faint earth	Loamy	190	1,800	1,990	0.20	Blackish brown	Faint earth	Loamy	270	2,800	3,070	0.32
					2018/8/6	Rain	22.8	Dull yellow orange	None	Loamy	<4.7	12	12	0.18	Blackish brown	Faint earth	Loamy	220	2,300	2,520	0.41
					2018/9/1	Cloudy	22.2	Dark brown	Faint earth	Loamy	210	2,400	2,610	0.26	Blackish brown	Faint earth	Loamy	240	2,500	2,740	0.38
					2018/10/5	Cloudy	22.1	Dull yellowish brown	Faint earth	Loamy	130	1,400	1,530	0.17	Dark brown	Faint earth	Loamy	230	2,200	2,430	0.22
					2018/12/4	Sunny	17.5	Dull yellowish brown	Faint earth	Loamy	190	2,000	2,190	0.18	Blackish brown	Faint earth	Loamy	150	1,800	1,950	0.24
					2019/1/24	Sunny	3.0	Dull yellow orange	Faint earth	Loamy	<6.7	23	23	0.15	Dark brown	Faint earth	Loamy	110	1,300	1,410	0.33
					2019/2/16	Cloudy	5.2	Dark brown	Faint earth	Loamy	<4.3	6.9	6.9	0.15	Dark brown	Faint earth	Loamy	170	2,100	2,270	0.24
					2018/5/4	Rain	10.8	Dark brown	None	Sandy	20	180	200	0.13	Blackish brown	Faint earth	Loamy	400	3,800	4,200	0.21
					79	Mizuhara River	Getouchi Bridge	Fukushima City	2018/6/1	Sunny	22.4	Dull yellowish brown	Faint earth	Sandy	23	260	283	0.14	Blackish brown	Faint earth	Loamy
	2018/8/4	Sunny	30.3	Dull yellowish brown					Faint earth	Sandy	17	200	217	0.18	Grayish yellowish brown	Faint earth	Loamy	860	8,000	8,860	0.32
	2018/10/5	Cloudy	22.9	Dull yellowish brown					Faint earth	Sandy	18	230	248	0.12	Blackish brown	Faint earth	Loamy	840	9,600	10,440	0.16
	2018/11/4	Sunny	21.3	Dull yellowish brown					Faint grass	Sandy	12	120	132	0.16	Dark brown	Faint earth	Loamy	710	7,500	8,210	0.21
	2018/12/5	Sunny	11.6	Dark brown					Faint earth	Sandy	17	190	207	0.12	Blackish brown	Faint earth	Loamy	280	3,300	3,580	0.20
	2018/5/4	Cloudy	13.6	Blackish brown					Faint earth	Loamy	250	2,400	2,650	0.21	Blackish brown	Faint earth	Loamy	92	1,000	1,092	0.17
	80	Megami River	Tsurumaki Bridge	Fukushima City	2018/6/7	Sunny	30.7	Grayish yellowish brown	Faint earth	Loamy	260	2,400	2,660	0.22	Dull yellowish brown	Faint earth	Loamy	96	1,100	1,196	0.21
					2018/8/4	Sunny	31.4	Dull yellowish brown	Faint earth	Loamy	360	3,300	3,660	0.32	Dull yellowish brown	Faint earth	Loamy	330	3,100	3,430	0.30
					2018/10/6	Sunny	24.3	Dark brown	Faint earth	Loamy	150	1,800	1,950	0.22	Dark brown	Faint earth	Loamy	39	460	499	0.22
					2018/11/4	Sunny	23.2	Blackish brown	Faint earth	Loamy	470	5,200	5,670	0.28	Dark brown	Faint earth	Loamy	210	2,100	2,310	0.26
					2018/12/5	Sunny	11.6	Dark brown	Faint earth	Loamy	170	1,800	1,970	0.21	Dark brown	Faint earth	Loamy	290	3,500	3,790	0.20
					2018/4/27	Cloudy	16.3	Dark brown	Faint earth	Loamy	35	400	435	0.08	Dark brown	Faint earth	Loamy	480	4,600	5,080	0.18
	81	Abukuma River	Horai Bridge	Fukushima City	2018/5/14	Sunny	22.1	Dark brown	None	Loamy	51	460	511	0.09	Blackish brown	None	Loamy	310	3,100	3,410	0.18
2018/6/3					Sunny	24.9	Dull yellowish brown	Faint earth	Loamy	44	460	504	0.08	Dull yellowish brown	Faint earth	Loamy	790	7,800	8,590	0.20	
2018/7/17					Cloudy	30.0	Dull yellowish brown	Faint grass	Loamy	32	400	432	0.09	Grayish yellowish brown	Faint earth	Loamy	810	8,600	9,410	0.23	
2018/8/1					Sunny	34.7	Dull yellowish brown	Faint earth	Loamy	17	170	187	0.11	Dark brown	Faint earth	Loamy	570	5,400	5,970	0.24	
2018/9/1					Cloudy	23.8	Dark brown	Faint earth	Loamy	31	330	361	0.11	Blackish brown	Faint earth	Loamy	550	6,100	6,650	0.27	
2018/10/14					Sunny	16.7	Dull yellowish brown	Faint earth	Loamy	34	350	384	0.08	Dull yellowish brown	Faint earth	Loamy	160	1,700	1,860	0.19	
2018/12/8					Cloudy	7.0	Dark brown	Faint earth	Loamy	33	420	453	0.08	Blackish brown	Faint earth	Loamy	320	3,900	4,220	0.18	
2019/1/20					Cloudy	0.4	Dark brown	Faint earth	Loamy	36	380	416	0.10	Dark brown	Faint earth	Loamy	320	3,700	4,020	0.26	
2019/2/11					Sunny	2.7	Dark brown	Faint earth	Loamy	100	1,200	1,300	0.11	Dark brown	Faint earth	Loamy	310	3,400	3,710	0.26	
2018/5/5					Sunny	12.9	Blackish brown	Faint earth	Loamy	330	3,100	3,430	0.26	Dark brown	Faint earth	Loamy	320	2,900	3,220	0.27	
2018/6/3					Sunny	28.9	Grayish yellowish brown	Faint earth	Loamy	300	3,100	3,400	0.28	Brown	Faint earth	Loamy	780	7,700	8,480	0.36	
82					Nigori River	Before the confluence with Omori River	Fukushima City	2018/8/1	Sunny	35.3	Dull yellowish brown	Faint earth	Loamy	340	3,600	3,940	0.33	Dull yellowish brown	Faint earth	Loamy	820
	2018/10/14	Cloudy	15.6	Blackish brown				Faint earth	Loamy	150	1,600	1,750	0.27	Blackish brown	Faint earth	Loamy	210	2,200	2,410	0.27	
	2018/11/1	Sunny	14.5	Blackish brown				Faint earth	Loamy	520	5,700	6,220	0.34	Dark brown	Faint earth	Loamy	300	3,200	3,500	0.34	
	2018/12/8	Sunny	8.0	Blackish brown				Faint earth	Loamy	350	3,600	3,950	0.24	Blackish brown	Faint earth	Loamy	360	4,300	4,660	0.24	
83	Arakawa River	Hinokura Bridge	Fukushima City	2018/5/5	Sunny	12.9	Blackish brown	Faint earth	Loamy	210	1,900	2,110	0.12	Blackish brown	Faint earth	Loamy	250	2,500	2,750	0.11	
				2018/6/4	Sunny	22.9	Dull yellowish brown	Faint earth	Loamy	220	2,200	2,420	0.13	Dull yellowish brown	Faint earth	Loamy	230	2,200	2,430	0.12	
				2018/8/2	Sunny	32.2	Dull yellowish brown	Faint earth	Loamy	180	1,900	2,080	0.18	Brown	Faint earth	Loamy	240	2,600	2,840	0.16	
				2018/10/9	Sunny	21.1	Dull yellowish brown	Faint earth	Loamy	99	1,100	1,199	0.12	Dark brown	Faint earth	Loamy	220	2,300	2,520	0.14	
				2018/11/1	Sunny	11.5	Dark brown	Faint earth	Loamy	160	2,000	2,160	0.17	Dark brown	Faint earth	Loamy	160	1,800	1,960	0.15	
				2018/12/6	Rain	2.7	Brown	Faint earth	Loamy	76	970	1,046	0.13	Dark brown	Faint earth	Loamy	90	1,100	1,190	0.11	



# Fukushima River (Surrounding Environment/Nakadori Area) 6/8

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)											Remarks							
						Left bank					Right bank													
No.	Location		Municipality	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)							
							Radioactive cesium							Radioactive cesium										
							Cs-134	Cs-137	Total					Cs-134	Cs-137	Total								
R i v e r s	84	Sukawa River	Sukawa Bridge	Fukushima City	2018/5/5	Sunny	16.7	Blackish brown	Faint earth	Loamy	320	2,900	3,220	0.11	Extremely dark brown	None	Loamy	260	2,700	2,960	0.14			
					2018/6/4	Sunny	27.8	Grayish yellowish brown	Faint earth	Loamy	110	1,300	1,410	0.11	Dark brown	Faint earth	Loamy	160	1,600	1,760	0.20			
					2018/8/2	Sunny	33.5	Brown	Faint earth	Loamy	140	1,500	1,640	0.14	Brown	Faint earth	Loamy	310	3,200	3,510	0.16			
					2018/10/9	Sunny	23.5	Dark brown	Faint earth	Loamy	170	1,900	2,070	0.10	Dull yellowish brown	Faint earth	Loamy	190	2,200	2,390	0.14			
	85	Arakawa River	Before the confluence with Abukuma River	Fukushima City	2018/11/1	Sunny	14.7	Dull yellowish brown	Faint earth	Loamy	110	1,400	1,510	0.13	Dark brown	Faint earth	Loamy	280	3,300	3,580	0.17			
					2018/12/6	Rain	3.4	Dark brown	Faint earth	Loamy	150	1,700	1,850	0.11	Dull yellowish brown	Faint earth	Loamy	340	4,200	4,540	0.13			
					2018/4/28	Sunny	24.3	Dull yellowish brown	Faint earth	Loamy	41	370	411	0.13	Dark brown	Faint earth	Loamy	880	8,200	9,080	0.63			
					2018/5/15	Sunny	29.6	Dark brown	Faint earth	Loamy	37	260	297	0.09	Dark brown	Faint earth	Loamy	910	8,600	9,510	0.41			
					2018/6/3	Sunny	30.6	Dull yellowish brown	Faint earth	Loamy	35	340	375	0.12	Grayish yellowish brown	Faint earth	Loamy	460	4,300	4,760	0.43			
					2018/7/17	Sunny	34.1	Dark brown	Faint earth	Loamy	30	260	290	0.07	Dark brown	Faint earth	Loamy	690	7,200	7,890	0.44			
					2018/8/1	Sunny	36.4	Dull yellowish brown	Faint earth	Loamy	33	350	383	0.14	Brown	Faint earth	Loamy	780	8,100	8,880	0.58			
					2018/9/2	Cloudy	20.2	Dull yellowish brown	Faint earth	Loamy	27	290	317	0.11	Dark brown	Faint earth	Loamy	400	4,200	4,600	0.57			
					2018/10/14	Cloudy	18.3	Dull yellowish brown	Faint earth	Loamy	56	620	676	0.11	Dark brown	Faint earth	Loamy	310	2,800	3,110	0.40			
					2018/12/8	Cloudy	6.2	Dull yellowish brown	Faint earth	Loamy	52	620	672	0.09	Dark brown	Faint earth	Loamy	490	5,000	5,490	0.39			
					2019/1/20	Cloudy	3.1	Dull yellowish brown	Faint earth	Loamy	20	260	280	0.16	Dark brown	Faint earth	Loamy	850	9,700	10,550	0.51			
					2019/2/11	Cloudy	0.7	Dull yellowish brown	Faint earth	Loamy	30	390	420	0.14	Dark brown	Faint earth	Loamy	540	6,300	6,840	0.55			
	86	Matsukawa River	Before the confluence with Abukuma River	Fukushima City	2018/4/28	Sunny	19.7	Blackish brown	Faint earth	Loamy	360	3,300	3,660	0.23	Dark brown	Faint earth	Loamy	210	2,400	2,610	0.24			
					2018/5/15	Sunny	28.1	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.11	Blackish brown	Faint earth	Loamy	220	2,100	2,320	0.17			
					2018/6/5	Sunny	26.5	Dark brown	Faint earth	Loamy	330	3,100	3,430	0.19	Dull yellowish brown	Faint earth	Loamy	220	2,200	2,420	0.13			
					2018/7/18	Sunny	29.6	Blackish brown	Faint earth	Loamy	160	1,700	1,860	0.17	Grayish yellowish brown	Faint earth	Loamy	68	630	698	0.09			
2018/8/2					Sunny	30.3	Dark brown	Faint earth	Loamy	280	2,900	3,180	0.21	Dull yellowish brown	Faint earth	Loamy	340	3,400	3,740	0.28				
2018/9/2					Cloudy	22.6	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.22	Blackish brown	Faint earth	Loamy	200	2,200	2,400	0.17				
2018/10/10					Sunny	21.9	Blackish brown	Faint earth	Loamy	94	1,300	1,394	0.17	Dark brown	Faint earth	Loamy	62	720	782	0.10				
2018/12/10					Sunny	3.2	Blackish brown	Faint earth	Loamy	270	3,000	3,270	0.16	Dark brown	Faint earth	Loamy	320	3,600	3,920	0.11				
2019/1/20					Sunny	9.0	Dark brown	Faint earth	Loamy	260	3,300	3,560	0.30	Dark brown	Faint earth	Loamy	210	2,500	2,710	0.13				
2019/2/11					Cloudy	-0.5	Blackish brown	Faint earth	Loamy	620	7,300	7,920	0.29	Dark brown	Faint earth	Loamy	190	2,300	2,490	0.17				
87					Hattanda River	Hattanda Bridge	Fukushima City	2018/5/6	Sunny	27.3	Dark brown	None	Loamy	160	1,600	1,760	0.19	Dark brown	None	Loamy	220	2,200	2,420	0.23
								2018/6/11	Rain	17.6	Dull yellowish brown	Faint earth	Loamy	270	2,700	2,970	0.20	Grayish yellowish brown	Faint earth	Loamy	180	1,700	1,880	0.24
	2018/8/3	Sunny	33.0	Dull yellowish brown				Faint earth	Loamy	730	7,100	7,830	0.25	Dull yellowish brown	Faint earth	Loamy	300	3,100	3,400	0.32				
	2018/10/10	Cloudy	22.4	Grayish yellowish brown				Faint earth	Loamy	320	3,400	3,720	0.17	Dull yellowish brown	Faint earth	Loamy	120	1,300	1,420	0.23				
	2018/11/3	Sunny	15.1	Brown				Faint earth	Loamy	510	5,100	5,610	0.19	Dark brown	Faint earth	Loamy	340	3,600	3,940	0.22				
	2018/12/10	Sunny	4.5	Dull yellowish brown				Faint earth	Loamy	140	1,500	1,640	0.17	Dark brown	Faint earth	Loamy	120	1,400	1,520	0.21				
88	Surikami River	Totsuna Bridge	Fukushima City	2018/5/6	Sunny	28.5	Blackish brown	Faint earth	Loamy	490	4,600	5,090	0.17	Blackish brown	Faint earth	Loamy	27	330	357	0.11				
				2018/6/4	Sunny	30.7	Dull yellowish brown	Faint earth	Loamy	330	3,300	3,630	0.18	Dull yellowish brown	Faint earth	Loamy	62	610	672	0.13				
				2018/8/16	Cloudy	28.2	Dark brown	Faint earth	Loamy	490	4,700	5,190	0.24	Dull yellowish brown	Faint earth	Loamy	70	610	680	0.14				
				2018/10/9	Sunny	25.7	Blackish brown	Faint earth	Loamy	110	1,200	1,310	0.13	Dark brown	Faint earth	Loamy	160	1,700	1,860	0.15				
				2018/11/3	Sunny	18.3	Dark brown	Faint earth	Loamy	420	4,800	5,220	0.21	Brown	Faint earth	Loamy	35	350	385	0.14				
				2018/12/6	Rain	3.7	Blackish brown	Faint earth	Loamy	310	3,500	3,810	0.15	Blackish brown	Faint earth	Loamy	150	1,700	1,850	0.17				

# Fukushima River (Surrounding Environment/Nakadori Area) 7/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)													Remarks			
No.	Location		Municipality				Left bank						Right bank										
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]				Air Dose (μSv/h)		
										Cs-134	Cs-137	Total					Cs-134	Cs-137	Total				
R i v e r s	89	Surikami River	Before the confluence with Abukuma River	Fukushima City	2018/4/28	Sunny	22.4	Blackish brown	Faint earth	Loamy	350	3,200	3,550	0.33	Dull yellowish brown	Faint earth	Loamy	190	1,800	1,990	0.35		
					2018/5/15	Sunny	23.5	Dark brown	Faint earth	Loamy	180	1,800	1,980	0.19	Grayish yellowish brown	None	Loamy	380	3,700	4,080	0.23		
					2018/6/11	Rain	17.4	Dull yellowish brown	Faint earth	Loamy	140	1,400	1,540	0.22	Dull yellowish brown	Faint earth	Loamy	170	1,800	1,970	0.27		
					2018/7/18	Sunny	35.8	Grayish yellowish brown	Faint earth	Loamy	150	1,500	1,650	0.21	Grayish yellowish brown	Faint earth	Loamy	560	5,600	6,160	0.34		
					2018/8/3	Sunny	31.1	Dull yellowish brown	Faint earth	Loamy	190	1,900	2,090	0.26	Dull yellow orange	Faint earth	Loamy	330	3,300	3,630	0.38		
					2018/9/2	Cloudy	22.9	Blackish brown	Faint earth	Loamy	240	2,600	2,840	0.27	Grayish yellowish brown	Faint earth	Loamy	77	730	807	0.28		
					2018/10/10	Cloudy	22.9	Dull yellowish brown	Faint earth	Loamy	120	1,300	1,420	0.19	Dull yellowish brown	Faint earth	Loamy	81	930	1,011	0.25		
					2018/12/10	Sunny	5.1	Dark brown	Faint earth	Loamy	240	2,600	2,840	0.20	Brown	Faint earth	Loamy	150	1,900	2,050	0.23		
					2019/1/20	Sunny	9.9	Dull yellowish brown	Faint earth	Loamy	230	2,600	2,830	0.15	Grayish yellowish brown	Faint earth	Loamy	73	810	883	0.34		
					2019/2/10	Sunny	-0.7	Dark brown	Faint earth	Loamy	170	2,100	2,270	0.25	Dark brown	Faint earth	Loamy	260	3,100	3,360	0.33		
	90	Abukuma River	Taisho Bridge	Date City	2018/4/27	Cloudy	23.0	Dull yellowish brown	Faint earth	Loamy	29	350	379	0.14	Dark brown	Faint earth	Loamy	95	1,100	1,195	0.28		
					2018/5/15	Sunny	18.4	Blackish brown	None	Loamy	240	2,300	2,540	0.13	Blackish brown	None	Loamy	140	1,300	1,440	0.13		
					2018/6/5	Sunny	22.3	Dull yellowish brown	Faint earth	Loamy	120	1,400	1,520	0.10	Dull yellowish brown	Faint earth	Loamy	100	1,000	1,100	0.23		
					2018/7/19	Sunny	31.3	Dull yellowish brown	Faint earth	Loamy	34	330	364	0.16	Dull yellowish brown	Faint earth	Loamy	260	2,600	2,860	0.21		
					2018/8/3	Sunny	32.9	Dull yellowish brown	Faint earth	Loamy	220	2,300	2,520	0.21	Dull yellow orange	None	Loamy	200	2,200	2,400	0.26		
					2018/9/2	Cloudy	24.7	Dark brown	Faint earth	Loamy	52	530	582	0.21	Dull yellowish brown	Faint earth	Loamy	210	2,200	2,410	0.26		
					2018/10/10	Cloudy	21.4	Dull yellowish brown	Faint earth	Loamy	130	1,400	1,530	0.13	Dull yellowish brown	Faint earth	Loamy	41	460	501	0.22		
					2018/12/10	Sunny	6.5	Dark brown	Faint earth	Loamy	200	2,100	2,300	0.14	Dull yellowish brown	Faint earth	Loamy	50	550	600	0.20		
					2019/1/22	Sunny	4.1	Dark brown	Faint earth	Loamy	32	410	442	0.10	Dark brown	Faint earth	Loamy	220	2,700	2,920	0.13		
					2019/2/10	Sunny	0.6	Dark brown	Faint earth	Loamy	18	240	258	0.11	Dark brown	Faint earth	Loamy	140	1,600	1,740	0.24		
91	Hirose River	Tatenokoshi Bridge	Kawamata Town	2018/5/4	Sunny	14.2	Blackish brown	Faint earth	Loamy	130	1,400	1,530	0.14	Blackish brown	Faint earth	Loamy	85	850	935	0.14			
				2018/6/7	Sunny	29.7	Dull yellowish brown	Faint earth	Loamy	89	1,000	1,089	0.14	Dull yellowish brown	Faint earth	Loamy	68	580	648	0.13			
				2018/8/4	Sunny	32.7	Dull yellowish brown	Faint earth	Loamy	170	1,700	1,870	0.18	Dull yellowish brown	Faint earth	Loamy	99	960	1,059	0.16			
				2018/10/6	Sunny	30.6	Blackish brown	Faint earth	Loamy	96	1,100	1,196	0.12	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.15			
				2018/11/4	Sunny	18.0	Dark brown	Faint earth	Loamy	250	2,800	3,050	0.19	Dark brown	Faint earth	Loamy	80	950	1,030	0.17			
				2018/12/5	Cloudy	13.3	Blackish brown	Faint earth	Loamy	96	1,100	1,196	0.13	Blackish brown	Faint earth	Loamy	74	800	874	0.13			
				92	Jizogawara Bridge	Date City	2018/5/6	Sunny	18.6	Blackish brown	Faint earth	Loamy	390	3,600	3,990	0.21	Blackish brown	Faint earth	Loamy	520	5,000	5,520	0.16
							2018/6/2	Sunny	20.8	Dull yellowish brown	Faint earth	Loamy	230	2,300	2,530	0.23	Dull yellowish brown	Faint earth	Loamy	210	1,900	2,110	0.20
							2018/8/16	Cloudy	28.0	Dark brown	Faint earth	Loamy	830	8,400	9,230	0.27	Dull yellowish brown	Faint earth	Loamy	430	4,400	4,830	0.23
							2018/10/13	Sunny	13.1	Dark brown	Faint earth	Loamy	240	2,700	2,940	0.19	Dark brown	Faint earth	Loamy	380	4,300	4,680	0.15
2018/11/3	Sunny	10.0	Dark brown				Faint earth	Loamy	360	3,600	3,960	0.17	Dark brown	Faint earth	Loamy	590	6,500	7,090	0.16				
2018/12/12	Snow	2.2	Blackish brown				Faint earth	Loamy	190	2,400	2,590	0.18	Blackish brown	Faint earth	Loamy	430	4,900	5,330	0.16				
2018/4/27	Cloudy	18.7	Blackish brown				Faint earth	Loamy	190	1,600	1,790	0.23	Blackish brown	Faint grass	Loamy	390	3,500	3,890	0.26				
2018/5/16	Sunny	24.8	Blackish brown				Faint earth	Loamy	210	2,200	2,410	0.18	Dark brown	Faint earth	Loamy	270	2,700	2,970	0.16				
2018/6/2	Sunny	21.9	Blackish brown				Faint earth	Loamy	200	2,100	2,300	0.20	Dull yellowish brown	Faint earth	Loamy	280	2,700	2,980	0.20				
2018/7/19	Sunny	35.8	Dark brown				Faint earth	Loamy	170	1,900	2,070	0.20	Dull yellowish brown	Faint earth	Loamy	230	2,400	2,630	0.19				
93	Oguni River	Before the confluence with Hirose River	Date City	2018/8/16	Cloudy	28.6	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.23	Dark brown	Faint earth	Loamy	150	1,600	1,750	0.24			
				2018/9/3	Cloudy	25.3	Blackish brown	Faint earth	Loamy	250	2,600	2,850	0.25	Dark brown	Faint earth	Loamy	170	2,000	2,170	0.24			
				2018/10/13	Sunny	16.9	Blackish brown	Faint earth	Loamy	160	1,800	1,960	0.18	Dark brown	Faint earth	Loamy	60	690	750	0.17			
				2018/12/12	Cloudy	2.5	Blackish brown	Faint earth	Loamy	190	2,400	2,590	0.15	Blackish brown	Faint earth	Loamy	84	980	1,064	0.15			
				2019/1/23	Sunny	-1.4	Dark brown	Faint earth	Loamy	200	2,300	2,500	0.23	Dark brown	Faint earth	Loamy	250	3,100	3,350	0.22			
				2019/2/10	Sunny	2.8	Dark brown	Faint earth	Loamy	320	3,800	4,120	0.23	Dark brown	Faint earth	Loamy	210	2,700	2,910	0.23			

# Fukushima River (Surrounding Environment/Nakadori Area) 8/8

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment (Soil, Air dose)													Remarks	
No.	Location		Municipality				Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/kg(dry)]				Air Dose (μSv/h)
										Radioactive cesium							Radioactive cesium				
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total				Cs-134	Cs-137	Total							
R i v e r s	94	Hirose River	Before the confluence with Abukuma River	Date City	2018/4/27	Cloudy	17.9	Dark brown	Faint earth	Loamy	180	1,700	1,880	0.23	Dark brown	Faint earth	Loamy	410	3,800	4,210	0.30
					2018/5/16	Sunny	28.7	Dark brown	Faint earth	Loamy	150	1,600	1,750	0.14	Dark brown	Faint earth	Loamy	170	1,600	1,770	0.16
					2018/6/2	Sunny	26.8	Brown	Faint earth	Loamy	90	980	1,070	0.15	Brown	Faint earth	Loamy	110	1,000	1,110	0.13
					2018/7/19	Cloudy	31.4	Dull yellowish brown	Faint earth	Loamy	140	1,600	1,740	0.17	Dull yellowish brown	Faint earth	Loamy	340	3,500	3,840	0.21
					2018/8/15	Sunny	33.8	Brown	Faint earth	Loamy	190	2,000	2,190	0.21	Brown	Faint earth	Loamy	470	5,200	5,670	0.21
					2018/9/3	Cloudy	24.3	Blackish brown	Faint earth	Loamy	240	2,600	2,840	0.19	Dull yellowish brown	Faint earth	Loamy	200	2,300	2,500	0.21
					2018/10/13	Cloudy	19.2	Dull yellowish brown	Faint earth	Loamy	87	910	997	0.15	Brown	Faint earth	Loamy	45	530	575	0.17
					2018/12/12	Sunny	2.7	Dull yellowish brown	Faint earth	Loamy	180	2,000	2,180	0.14	Dull yellowish brown	Faint earth	Loamy	110	1,200	1,310	0.13
					2019/1/24	Snow	-0.7	Dark brown	Faint earth	Loamy	290	3,300	3,590	0.24	Brown	Faint earth	Loamy	110	1,400	1,510	0.20
	2019/2/10	Sunny	3.2	Dull yellowish brown	Faint earth	Loamy	100	1,300	1,400	0.19	Dark brown	Faint earth	Loamy	140	1,700	1,840	0.21				
	2018/5/8	Cloudy	10.6	Blackish brown	Faint earth	Loamy	140	1,100	1,240	0.18	Blackish brown	Faint earth	Loamy	120	1,200	1,320	0.21				
	2018/6/6	Cloudy	20.3	Dark brown	Faint earth	Loamy	150	1,500	1,650	0.19	Dark brown	Faint earth	Loamy	69	820	889	0.19				
	2018/8/11	Sunny	28.9	Blackish brown	Faint earth	Loamy	230	2,400	2,630	0.20	Blackish brown	Faint earth	Loamy	290	3,000	3,290	0.18				
	2018/10/4	Cloudy	19.7	Blackish brown	Faint earth	Loamy	270	3,200	3,470	0.22	Blackish brown	Faint earth	Loamy	260	3,000	3,260	0.21				
	2018/11/3	Sunny	8.4	Blackish brown	Faint grass	Loamy	210	2,500	2,710	0.19	Blackish brown	Faint earth	Loamy	200	2,000	2,200	0.21				
	2018/12/5	Cloudy	12.9	Dark brown	Faint earth	Loamy	250	2,800	3,050	0.20	Dark brown	Faint earth	Loamy	190	2,400	2,590	0.20				
	2018/5/12	Sunny	20.8	Dark brown	Faint earth	Loamy	150	1,300	1,450	0.12	Blackish brown	Faint earth	Loamy	58	540	598	0.14				
	2018/6/3	Sunny	24.7	Dark brown	Faint earth	Loamy	120	1,200	1,320	0.11	Blackish brown	Faint earth	Loamy	77	680	757	0.14				
	2018/8/13	Cloudy	28.6	Dark brown	Faint earth	Loamy	44	510	554	0.12	Blackish brown	Faint earth	Loamy	79	810	889	0.12				
	2018/10/7	Sunny	28.4	Dark brown	Faint earth	Loamy	48	480	528	0.13	Blackish brown	Faint earth	Loamy	57	590	647	0.13				
	2018/11/4	Sunny	16.0	Dark brown	Faint earth	Loamy	38	480	518	0.12	Blackish brown	Faint earth	Loamy	45	530	575	0.14				
	2018/12/2	Sunny	8.2	Dark brown	Faint earth	Loamy	36	360	396	0.12	Blackish brown	Faint earth	Loamy	54	620	674	0.13				
	2018/5/12	Cloudy	22.3	Dark brown	Faint grass	Loamy	11	130	141	0.09	Blackish brown	Faint earth	Loamy	<9.4	39	39	0.07				
	2018/6/7	Sunny	24.1	Dark brown	Faint earth	Loamy	18	140	158	0.11	Grayish yellowish brown	Faint earth	Loamy	<7.6	48	48	0.08				
2018/8/13	Cloudy	28.7	Blackish brown	Faint earth	Loamy	12	120	132	0.09	Blackish brown	Faint earth	Loamy	<9.8	70	70	0.08					
2018/10/7	Sunny	30.1	Blackish brown	Faint earth	Loamy	12	110	122	0.10	Blackish brown	Faint earth	Loamy	9.4	95	104.4	0.07					
2018/11/4	Cloudy	17.7	Dark brown	Faint earth	Loamy	13	130	143	0.10	Blackish brown	Faint earth	Loamy	<10	73	73	0.09					
2018/12/2	Cloudy	11.2	Dark brown	Faint earth	Loamy	14	140	154	0.10	Blackish brown	Faint earth	Loamy	<11	85	85	0.09					

# Fukushima Lakes and Reservoirs (Water/Nakadori Area) 1/4

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks					
	Location	Municipality					General items				Activity concentration(Bq/L)											
							Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium							
													Cs-134	Cs-137								
165	Surikamigawa Dam Reservoir	Fukushima City	Surface layer	2018/5/8	Cloudy	10.4	66.8	11.1	0.5	Dark grayish yellow green	None	4.0	4.2	1	1.3	<0.77	<0.80					
			Deep layer					6.5	65.8		None			5.4	1	1.2	<0.73	<0.99				
			Surface layer	2018/6/6	Cloudy	21.1	72.2	20.3	0.5	Dark grayish yellow green	None	4.2	4.6	1	1.0	<0.57	<0.69					
			Deep layer					7.7	71.2		None			6.3	1	1.5	<0.76	<0.84				
			Surface layer	2018/8/14	Sunny	31.4	65.2	27.3	0.5	Grayish yellow green	None	2.5	5.2	1	1.2	<0.70	<0.66					
			Deep layer					9.0	64.2		None			7.1	2	2.0	<0.56	<0.61				
			Surface layer	2018/10/11	Cloudy	17.5	66.0	17.9	0.5	Dark grayish yellow green	None	4.2	5.7	<1	0.8	<0.65	<0.75					
			Deep layer					6.9	65.0		None			7.8	2	2.3	<0.85	<0.69				
			Surface layer	2018/11/2	Cloudy	10.6	57.5	13.3	0.5	Dark grayish yellow green	None	3.5	5.1	1	1.5	<0.75	<0.88					
			Deep layer					7.4	56.5		None			5.2	1	0.8	<0.73	<0.82				
			Surface layer	2018/12/7	Sunny	8.6	54.0	9.3	0.5	Dark grayish yellow green	None	3.8	5.3	1	1.3	<0.83	<0.69					
			Deep layer					7.0	53.0		None			6.9	2	1.6	<0.78	<0.75				
			166	North (farm pond)	Lake Handanuma	Kori Town	Surface layer	2018/5/8	Cloudy	8.5	0.8	13.8	0.0	Dark grayish yellow green	None	>0.8	12.5	4	3.7	<0.77	<0.55	
							Deep layer					-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water
Surface layer	2018/6/6	Cloudy					21.0	0.6	20.1	0.0	Grayish yellowish green	None	>0.6	12.5	1	1.3	<0.79	<0.75				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/7/19	Sunny					30.0	0.6	26.6	0.0	Grayish yellowish green	None	>0.6	13.9	5	2.0	<0.74	<0.69				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/8/14	Sunny					30.3	1.0	28.4	0.0	Light grayish yellow green	None	>1.0	13.6	4	2.9	<0.73	<0.75				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/9/3	Cloudy					20.7	0.5	17.7	0.0	Grayish yellowish green	None	>0.5	14.6	1	1.5	<0.49	<0.75				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/10/11	Rain					16.8	0.4	12.3	0.0	Grayish greenish yellow	None	>0.4	14.7	6	4.6	<0.68	<0.63				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/11/2	Cloudy					14.1	1.0	10.2	0.0	Grayish yellowish green	None	>1.0	13.2	4	3.1	<0.41	<0.66				
Deep layer									-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water			
Surface layer	2018/12/7	Cloudy	9.7	0.6	7.8	0.0	Grayish greenish yellow	None	>0.6	12.4	8	5.7	<0.52	<0.80								
Deep layer					-	-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water							
167	Oike	Motomiya City	Surface layer	2018/5/2	Sunny	18.2	0.6	19.9	0.0	Grayish yellow green	None	>0.6	6.7	2	1.8	<0.65	<0.48					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					
			Surface layer	2018/6/4	Sunny	22.5	0.6	22.8	0.0	Grayish yellow	None	>0.6	6.8	1	2.0	<0.84	<0.69					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					
			Surface layer	2018/8/13	Cloudy	27.8	0.8	28.2	0.0	Light grayish yellow	None	>0.8	7.2	5	3.1	<0.66	<0.78					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					
			Surface layer	2018/10/4	Sunny	17.4	0.8	20.4	0.0	Light grayish yellow	None	>0.8	10.9	2	1.3	<0.77	<0.75					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					
			Surface layer	2018/11/2	Cloudy	17.6	0.5	15.0	0.0	Grayish reddish yellow	None	>0.5	7.6	5	4.3	<0.81	<0.88					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					
			Surface layer	2018/12/12	Cloudy	2.0	0.6	5.7	0.0	Light grayish yellow	None	>0.6	7.7	3	3.2	<0.72	<0.63					
			Deep layer					-	-	-	-	-	-	-	-	-	Unable to collect samples from the deep layer due to shallow water					

L a k e s a n d R e s e r v o i r s

# Fukushima Lakes and Reservoirs (Water/Nakadori Area) 2/4

L a k e s a n d R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks					
	No.	Location	Municipality					General items						Activity concentration(Bq/L)									
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium							
													Cs-134	Cs-137									
168	Miharu Dam	Miharu Town	Surface layer	2018/5/7	Cloudy	15.6	34.8	13.4	0.5	Dark grayish yellow green	None	3.4	16.0	2	1.9	<0.71	<0.96						
			Deep layer						6.7	33.8	-	None			2	2.4	<0.69	<0.80					
			Surface layer	2018/6/1	Sunny	19.7	30.7	17.4	0.5	Dark grayish yellow green	None	3.5	16.1	1	1.7	<0.63	<0.92						
			Deep layer						7.4	29.7	-	None			3	3.4	<0.57	<0.84					
			Surface layer	2018/7/4	Cloudy	26.3	26.4	22.3	0.5	Dark grayish yellow green	None	2.5	17.2	2	1.7	<0.61	<0.80						
			Deep layer						6.8	25.4	-	None			10	10	<0.72	<0.75					
			Surface layer	2018/8/7	Rain	18.7	21.8	25.9	0.5	Dark grayish yellow green	None	2.5	16.9	5	3.6	<0.76	<0.88						
			Deep layer						9.3	20.8	-	None			7	9.2	<0.67	<0.55					
			Surface layer	2018/9/3	Cloudy	21.3	27.3	23.9	0.5	Dark grayish yellow green	None	1.0	16.5	5	3.7	<0.83	<0.84						
			Deep layer						8.0	26.3	-	None			5	5.1	<0.64	<0.80					
			Surface layer	2018/10/1	Sunny	24.4	29.1	21.6	0.5	Dark grayish yellow green	None	2.0	16.2	4	3.5	<0.76	<0.63						
			Deep layer						9.0	28.1	-	Faint hydrogen sulfide			16	17	<0.76	<0.80					
			Surface layer	2018/11/8	Cloudy	12.3	25.7	16.0	0.5	Dark grayish yellow green	None	2.1	16.1	4	3.3	<0.88	<0.75						
			Deep layer						14.5	24.7	-	None			7	7.0	<0.74	<0.84					
			Surface layer	2018/12/4	Sunny	13.7	27.1	12.0	0.5	Dark grayish yellow green	None	2.7	16.7	4	2.8	<0.60	<0.88						
			Deep layer						10.3	26.1	-	None			6	5.2	<0.81	<0.84					
			Surface layer	2019/1/9	Sunny	0.5	27.0	4.8	0.5	Dark grayish yellow green	None	3.5	17.3	2	1.9	<0.63	<0.69						
			Deep layer						4.5	26.0	-	None			3	2.3	<0.60	<0.63					
			Surface layer	2019/2/4	Cloudy	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to freezing			
			Deep layer																	Unable to collect samples due to freezing			
			169	Naka (farm pond)	Honokusa	Koriyama City	Surface layer	2018/5/7	Cloudy	17.5	0.7	18.4	0.0	Dark grayish yellow green	None	>0.7	9.8	2	1.7	<0.69	<0.61		
							Deep layer																Unable to collect samples from the deep layer due to shallow water
							Surface layer	2018/6/1	Sunny	20.3	0.7	23.2	0.0	Dark grayish yellow green	None	>0.7	9.8	5	3.5	<0.68	<0.75		
							Deep layer																
Surface layer	2018/8/27	Cloudy					24.1	0.6	28.6	0.0	Dark grayish yellow green	None	>0.6	9.8	3	2.4	<0.79	<0.75					
Deep layer																					Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/10/30	Sunny					15.6	0.8	15.9	0.0	Grayish yellow green	None	0.7	9.9	6	6.0	<0.76	<0.75					
Deep layer																					Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/11/26	Sunny					13.1	0.7	11.1	0.0	Grayish yellow green	None	>0.7	9.7	13	11	<0.81	<0.75					
Deep layer																					Unable to collect samples from the deep layer due to shallow water		
Surface layer	2018/12/12	Rain					7.1	0.8	7.7	0.0	Grayish yellow green	None	0.4	10.2	13	11	<0.79	<0.75					
Deep layer																					Unable to collect samples from the deep layer due to shallow water		
170	Lake Hatori	Tencii Village	Surface layer	2018/5/10	Cloudy	10.8	26.5	12.9	0.5	Dark grayish yellow green	None	4.8	4.0	<1	0.7	<0.52	<0.78						
			Deep layer						7.7	25.5	-	None			<1	0.6	<0.56	<0.66					
			Surface layer	2018/6/5	Sunny	20.9	25.0	20.9	0.5	Dark grayish yellow green	None	5.9	4.3	<1	0.7	<0.69	<0.80						
			Deep layer						9.1	24.0	-	None			<1	0.7	<0.82	<0.80					
			Surface layer	2018/8/21	Cloudy	24.5	10.1	20.9	0.5	Dark grayish yellow green	None	3.0	5.1	1	1.7	<0.70	<0.61						
			Deep layer						9.4	9.1	-	None			2	3.1	<0.50	<0.66					
			Surface layer	2018/10/2	Sunny	16.1	14.9	17.0	0.5	Dark grayish greenish yellow	None	1.0	4.5	8	7.1	<0.63	<0.75						
			Deep layer						15.3	13.9	-	None			7	5.4	<0.76	<0.88					
			Surface layer	2018/11/2	Cloudy	8.5	14.7	12.5	0.5	Dark grayish yellow green	None	4.1	4.6	<1	1.2	<0.72	<0.60						
			Deep layer						12.4	13.7	-	None			<1	1.2	<0.65	<0.80					
			Surface layer	2018/12/12	Cloudy	1.3	15.2	6.4	0.5	Dark grayish yellow green	None	3.8	4.8	1	0.9	<0.60	<0.75						
			Deep layer						6.4	14.2	-	None			1	1.3	<0.85	<0.80					
171	Naka (farm pond)	Hirodaira	Sukagawa City	Surface layer	2018/5/7	Cloudy	18.4	0.8	18.2	0.0	Dark grayish yellow green	None	>0.8	11.7	2	2.5	<0.60	<0.70					
				Deep layer																Unable to collect samples from the deep layer due to shallow water			
				Surface layer	2018/6/1	Sunny	21.8	0.7	22.7	0.0	Dark grayish yellow	None	>0.7	12.0	4	5.3	<0.81	<0.84					
				Deep layer																	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/8/27	Cloudy	26.8	0.6	27.3	0.0	Dark grayish yellow green	None	>0.6	13.2	2	3.1	<0.86	<0.63					
				Deep layer																	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/10/1	Cloudy	23.5	0.6	20.7	0.0	Dark grayish yellow green	None	>0.6	13.9	7	10	<0.54	<0.55					
				Deep layer																	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/11/26	Sunny	14.8	0.6	8.5	0.0	Dark grayish yellow	None	>0.6	14.7	5	6.4	<0.70	<0.75					
				Deep layer																	Unable to collect samples from the deep layer due to shallow water		
				Surface layer	2018/12/19	Sunny	11.2	0.8	4.9	0.0	Grayish yellow	None	>0.8	16.0	3	3.2	<0.77	<0.75					
				Deep layer																	Unable to collect samples from the deep layer due to shallow water		

# Fukushima Lakes and Reservoirs (Water/Nakadori Area) 3/4

L a k e s  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Remarks						
	No.	Location	Municipality					General items				Activity concentration(Bq/L)									
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)		Turbidity (FNU)	Cs-134	Cs-137			
172	Sengosawa Dam Reservoir	Ishikawa Town	Surface layer	2018/5/11	Sunny	16.9	19.6	15.2	0.5	Dark grayish yellow green	None	1.6	10.5	3	3.0	<0.69	<0.63				
			Deep layer						6.4	18.6	-	None									
			Surface layer	2018/6/4	Sunny	19.8	21.1			22.7	0.5	Dark grayish yellow green	None	1.5	13.5	5	3.3	<0.96	<0.69		
			Deep layer							7.2	20.1	-	Faint hydrogen sulfide								
			Surface layer	2018/8/10	Sunny	27.1	15.5			26.0	0.5	Yellow greenish dark gray	None	0.8	12.4	5	5.8	<0.81	<0.80		
			Deep layer							7.7	14.5	-	Faint hydrogen sulfide								
		Surface layer	2018/10/3	Cloudy	17.2	15.2			20.5	0.5	Dark grayish greenish yellow	None	0.4	8.5	43	48	<0.79	<0.63			
		Deep layer							8.5	14.2	-	Faint hydrogen sulfide									
		Surface layer	2018/11/9	Rain	15.3	12.1			14.0	0.5	Dark grayish yellow green	None	1.6	12.7	3	2.6	<0.66	<0.88			
		Deep layer							10.2	11.1	-	Faint hydrogen sulfide									
		Surface layer	2018/12/17	Cloudy	4.7	14.2			5.5	0.5	Dark grayish yellow green	None	1.3	14.8	5	4.7	<0.72	<0.80			
		Deep layer							5.1	13.2	-	None									
	173	South (farm pond)	Watarikie	Yabuki Town	Surface layer	2018/5/14	Cloudy	19.6	2.2	17.7	0.5	Dark grayish yellow green	None	>2.2	19.8	3	2.5	<0.76	<0.61		
					Deep layer																
					Surface layer	2018/6/4	Sunny	26.4	1.7												
				Deep layer																	
				Surface layer	2018/8/11	Cloudy	25.3	1.6			26.8	0.5	Dark grayish greenish yellow	None	0.4	23.4	16	9.7	<0.66	<0.74	
				Deep layer																	
		Surface layer	2018/10/2	Sunny	23.8	1.8			21.5	0.0	Dark grayish greenish yellow	None	0.3	21.1	28	18	<0.61	<0.84			
		Deep layer																			
		Surface layer	2018/11/6	Cloudy	16.2	1.7			14.6	0.0	Grayish greenish yellow	None	1.1	24.9	6	4.9	<0.70	<0.75			
		Deep layer																			
		Surface layer	2018/12/1	Cloudy	10.3	1.8			9.0	0.0	Dark grayish yellow green	None	1.1	25.5	7	5.6	<0.87	<0.55			
		Deep layer																			
174	Izumikawa	Shirakawa City	Surface layer	2018/5/14	Cloudy	16.7	0.6	16.0	0.0	Dark grayish greenish yellow	None	>0.6	14.1	1	1.1	<0.69	<0.80				
			Deep layer																		
			Surface layer	2018/6/5	Sunny	25.5	0.6			24.1	0.0	Dark grayish yellow	None	>0.6	14.4	3	2.6	<0.69	<0.84		
			Deep layer																		
			Surface layer	2018/8/11	Cloudy	27.1	0.4			28.6	0.0	Dark grayish greenish yellow	None	>0.4	15.1	11	12	<0.70	0.87 ± 0.27		
			Deep layer																		
	Surface layer	2018/10/2	Sunny	20.0	0.6			20.9	0.0	Dark grayish greenish yellow	None	>0.6	14.6	7	9.1	<0.84	<0.61				
	Deep layer																				
	Surface layer	2018/11/6	Cloudy	15.1	0.4			15.1	0.0	Dark grayish greenish yellow	None	>0.4	16.3	3	4.1	<0.65	<0.88				
	Deep layer																				
	Surface layer	2018/12/5	Sunny	12.9	0.4			11.7	0.0	Dark grayish yellow green	None	>0.4	16.6	6	2.8	<0.83	<0.85				
	Deep layer																				
175	Hokkawa Dam	Nishigo Village	Surface layer	2018/5/10	Cloudy	10.4	30.2	13.4	0.5	Dark grayish yellow green	None	5.0	5.3	<1	0.8	<0.69	<0.48				
			Deep layer																		
			Surface layer	2018/6/5	Sunny	22.6	29.9			20.7	0.5	Dark grayish yellow green	None	6.8	5.7	<1	0.9	<0.69	<0.80		
			Deep layer							9.4	28.9	-	None								
			Surface layer	2018/8/21	Cloudy	25.8	28.5			23.6	0.5	Dark grayish yellow green	None	3.8	6.3	<1	1.1	<0.79	<0.88		
			Deep layer							12.1	27.5	-	None								
			Surface layer	2018/10/4	Sunny	16.5	30.4			18.4	0.5	Dark grayish yellow green	None	2.5	5.9	2	2.1	<0.85	<0.75		
			Deep layer							10.6	29.4	-	Faint hydrogen sulfide								
			Surface layer	2018/11/2	Cloudy	11.1	30.0			13.7	0.5	Dark grayish yellow green	None	5.2	5.9	<1	0.9	<0.70	<0.70		
			Deep layer							11.9	29.0	-	Faint hydrogen sulfide								
			Surface layer	2018/12/7	Cloudy	8.7	29.0			9.7	0.5	Dark grayish yellow green	None	6.2	6.2	<1	1.2	<0.52	<0.75		
			Deep layer							9.5	28.0	-	None								







# Fukushima Lakes and Reservoirs (Sediment/Nakadori Area) 2/2

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment															Activity concentration [Bq/kg(dry)]			Remarks	
	No.	Location	Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odor	General items									Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium			
												Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)			Silt	Clay	Cs-134				Cs-137	Total		
															Coarse sand	Medium sand	Fine sand										
174	Seath (farm pond)	Izumikawa	Shirakawa City	2018/5/14	Cloudy	16.7	0.6	16.3	3	Blackish brown	Faint sewage	0.0	32.0	13.6	11.8	13.8	10.0	12.3	6.5	62.7	2.555	Sand/gravel	200	2,200	2,400		
				2018/6/5	Sunny	25.5	0.6	22.1	3	Blackish brown	Faint sewage	4.4	33.5	15.1	13.1	13.0	7.5	8.4	5.1	69.7	2.540	Sand/gravel/silt	230	2,300	2,530		
				2018/8/11	Cloudy	27.1	0.4	28.7	3	Blackish brown	None	0.0	12.6	2.2	1.2	19.8	21.1	37.8	4.3	55.0	2.580	Sand/gravel	11	100	111		
				2018/10/2	Sunny	20.0	0.6	20.3	3	Blackish brown	None	0.0	35.9	15.2	8.9	19.7	9.5	6.3	4.3	62.6	2.603	Sand/gravel	22	260	282		
				2018/11/6	Cloudy	15.1	0.4	14.9	3	Blackish brown	None	0.0	5.4	6.2	5.8	25.3	32.9	18.8	5.7	58.2	2.619	Sand/silt	48	510	558		
				2018/12/5	Sunny	12.9	0.4	11.0	3	Blackish brown	None	0.0	2.5	2.5	4.0	27.2	39.0	19.8	5.1	44.9	2.611	Sand/silt	110	1,200	1,310		
175	Hokkawa Dam		Nishigo Village	2018/5/10	Cloudy	10.4	30.2	7.1	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.0	0.2	56.2	43.7	24.2	2.418	Silt	280	3,100	3,380		
				2018/6/5	Sunny	22.6	29.9	7.3	7	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.3	60.4	39.3	26.8	2.431	Silt	390	3,700	4,090			
				2018/8/21	Cloudy	25.8	28.5	8.2	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	54.7	45.1	24.9	2.343	Silt	260	2,700	2,960			
				2018/10/4	Sunny	16.5	30.4	8.3	8	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	58.1	41.7	25.0	2.366	Silt	460	5,000	5,460			
				2018/11/2	Cloudy	11.1	30.0	8.4	7	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.1	0.5	58.3	41.1	26.3	2.438	Silt	190	2,100	2,290				
				2018/12/7	Cloudy	8.7	29.0	9.4	7	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.5	0.7	60.8	37.8	25.7	2.474	Silt	290	2,800	3,090		
176	Lake Nanko		Shirakawa City	2018/5/8	Cloudy	9.2	17.1	17.1	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.4	2.0	6.3	54.1	37.3	14.5	2.225	Silt/sand	270	2,800	3,070		
				2018/6/7	Sunny	20.6	1.6	23.7	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.3	3.5	8.6	44.0	43.7	15.3	2.212	Silt/sand	190	2,400	2,590		
				2018/8/10	Sunny	27.2	1.4	24.1	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.3	1.4	4.1	6.5	67.8	19.9	14.4	2.232	Silt/sand	210	2,100	2,310		
				2018/10/5	Sunny	17.3	1.5	20.1	7	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.3	0.7	72.0	27.0	13.5	2.148	Silt/sand	370	3,300	3,670		
				2018/11/6	Cloudy	13.7	1.6	14.3	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.9	11.0	9.2	55.5	23.4	13.3	2.203	Silt/sand	220	2,100	2,320		
				2018/12/5	Sunny	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# Fukushima Lakes and Reservoirs (Surrounding Environment/Nakadori Area) 1/2

L a k e s  a n d  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
	No.	Location	Municipality				Soil				Air Dose (μSv/h)			
							General items			Activity concentration [Bq/kg(dry)]				
							Color	Odor	Property	Radioactive cesium				
										Cs-134		Cs-137	Total	
165	Surikamigawa Dam Reservoir	Fukushima City	2018/5/8	Cloudy	10.4	Dark brown	Faint earth	Loamy	64	630	694	0.09		
			2018/6/6	Cloudy	21.1	Dull yellow orange	Faint earth	Loamy	83	800	883	0.11		
			2018/8/14	Sunny	31.4	Dull yellowish brown	Faint earth	Loamy	90	810	900	0.11		
			2018/10/11	Cloudy	17.5	Brown	Faint earth	Loamy	34	450	484	0.10		
			2018/11/2	Cloudy	10.6	Dull yellowish brown	Faint earth	Loamy	95	1,100	1,195	0.11		
			2018/12/7	Sunny	8.6	Dull yellowish brown	Faint earth	Loamy	53	590	643	0.09		
166	North (farm pond)	Lake Handanuma	Kori Town	2018/5/8	Cloudy	8.5	Blackish brown	Faint earth	Loamy	220	2,100	2,320	0.25	
				2018/6/6	Cloudy	21.0	Blackish brown	Faint earth	Loamy	190	1,800	1,990	0.26	
				2018/7/19	Sunny	30.0	Blackish brown	Faint earth	Loamy	300	2,700	3,000	0.26	
				2018/8/14	Sunny	30.3	Dark brown	Faint earth	Loamy	480	4,900	5,380	0.34	
				2018/9/3	Cloudy	20.7	Blackish brown	Faint earth	Loamy	360	3,700	4,060	0.34	
				2018/10/11	Rain	16.8	Blackish brown	Faint earth	Loamy	220	2,200	2,420	0.23	
				2018/11/2	Cloudy	14.1	Blackish brown	Faint earth	Loamy	450	5,100	5,550	0.33	
				2018/12/7	Cloudy	9.7	Blackish brown	Faint earth	Loamy	480	5,800	6,280	0.21	
				2019/1/22	Sunny	1.3	-	-	-	-	-	-	-	-
		2019/2/10	Sunny	0.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground	
167		Oike	Motomiya City	2018/5/2	Sunny	18.2	Dark brown	Faint earth	Loamy	240	2,300	2,540	0.31	
				2018/6/4	Sunny	22.5	Dark brown	None	Loamy	150	1,700	1,850	0.25	
				2018/8/13	Cloudy	27.8	Brown	Faint earth	Loamy	140	1,500	1,640	0.24	
				2018/10/4	Sunny	17.4	Dull yellowish brown	Faint earth	Loamy	67	720	787	0.25	
				2018/11/2	Cloudy	17.6	Brown	Faint earth	Loamy	110	1,300	1,410	0.40	
				2018/12/12	Cloudy	2.0	Dull yellowish brown	Faint earth	Loamy	150	2,000	2,150	0.23	
168	Miharu Dam	Miharu Town	2018/5/7	Cloudy	15.6	Dull yellowish brown	Faint earth	Loamy	19	150	169	0.16		
			2018/6/1	Sunny	19.7	Dull yellowish brown	Faint earth	Loamy	39	390	429	0.15		
			2018/7/4	Cloudy	26.3	Dull yellow orange	Faint earth	Loamy	80	770	850	0.14		
			2018/8/7	Rain	18.7	Dull yellowish brown	Faint earth	Loamy	45	380	425	0.18		
			2018/9/3	Cloudy	21.3	Dull yellowish brown	Faint earth	Loamy	61	680	741	0.14		
			2018/10/1	Sunny	24.4	Dull yellowish brown	Faint earth	Loamy	25	260	285	0.15		
			2018/11/8	Cloudy	12.3	Dull yellowish brown	Faint earth	Loamy	19	180	199	0.16		
			2018/12/4	Sunny	13.7	Dull yellowish brown	Faint earth	Loamy	27	300	327	0.16		
			2019/1/9	Sunny	0.5	Grayish yellowish brown	Faint earth	Loamy	100	1,200	1,300	0.16		
			2019/2/4	Cloudy	8.0	Brown	Faint earth	Loamy	44	530	574	0.15		
169	Naka (farm pond)	Honokusa	Koriyama City	2018/5/7	Cloudy	17.5	Dark brown	Faint earth	Loamy	260	2,500	2,760	0.21	
				2018/6/1	Sunny	20.3	Dark brown	Faint earth	Loamy	340	3,200	3,540	0.22	
				2018/8/27	Cloudy	24.1	Dark brown	Faint earth	Loamy	260	2,800	3,060	0.20	
				2018/10/30	Sunny	15.6	Blackish brown	Faint earth	Loamy	260	2,800	3,060	0.14	
				2018/11/26	Sunny	13.1	Blackish brown	Faint earth	Loamy	210	2,500	2,710	0.21	
				2018/12/12	Rain	7.1	Grayish yellowish brown	Faint earth	Loamy	260	2,900	3,160	0.12	

# Fukushima Lakes and Reservoirs (Surrounding Environment/Nakadori Area) 2/2

L a k e s  a n d  R e s e r v o i r s	Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks
							Soil						Air Dose (μSv/h)	
	General items						Activity concentration [Bq/kg(dry)]							
	No.	Location	Municipality				Color	Odor	Property	Radioactive cesium				
										Cs-134	Cs-137	Total		
170	Lake Hatori	Tenei Village	2018/5/10	Cloudy	10.8	Black	Faint earth	Loamy	510	4,800	5,310	0.13		
			2018/6/5	Sunny	20.9	Blackish brown	Faint earth	Loamy	79	830	909	0.08		
			2018/8/21	Cloudy	24.5	Blackish brown	Faint earth	Loamy	40	430	470	0.09		
			2018/10/2	Sunny	16.1	Blackish brown	Faint earth	Loamy	27	310	337	0.09		
			2018/11/2	Cloudy	8.5	Blackish brown	Faint earth	Loamy	43	480	523	0.09		
			2018/12/12	Cloudy	1.3	Blackish brown	Faint earth	Loamy	40	470	510	0.07		
171	Naka (farm pond)	Hirodaira	Sukagawa City	2018/5/7	Cloudy	18.4	Blackish brown	Faint earth	Loamy	46	490	536	0.09	
				2018/6/1	Sunny	21.8	Blackish brown	Faint earth	Loamy	39	460	499	0.10	
				2018/8/27	Cloudy	26.8	Blackish brown	Faint earth	Loamy	51	600	651	0.09	
				2018/10/1	Cloudy	23.5	Black	Faint earth	Loamy	46	510	556	0.10	
				2018/11/26	Sunny	14.8	Blackish brown	Faint earth	Loamy	37	380	417	0.11	
				2018/12/19	Sunny	11.2	Blackish brown	Faint earth	Loamy	18	210	228	0.06	
172	Sengosawa Dam Reservoir	Ishikawa Town	2018/5/11	Sunny	16.9	Blackish brown	Faint earth	Loamy	100	1,100	1,200	0.09		
			2018/6/4	Sunny	19.8	Grayish yellowish brown	Faint earth	Loamy	12	100	112	0.10		
			2018/8/10	Sunny	27.1	Blackish brown	Faint earth	Loamy	40	340	380	0.12		
			2018/10/3	Cloudy	17.2	Blackish brown	Faint earth	Loamy	55	550	605	0.10		
			2018/11/9	Rain	15.3	Blackish brown	Faint earth	Loamy	60	630	690	0.10		
			2018/12/17	Cloudy	4.7	Blackish brown	Faint earth	Loamy	23	250	273	0.08		
173	South (farm pond)	Watariike	Yabuki Town	2018/5/14	Cloudy	19.6	Dark brown	Faint earth	Loamy	<6.0	50	50	0.08	
				2018/6/4	Sunny	26.4	Dull yellowish brown	Faint earth	Loamy	<9.0	40	40	0.08	
				2018/8/11	Cloudy	25.3	Blackish brown	Faint earth	Loamy	34	370	404	0.07	
				2018/10/2	Sunny	23.8	Blackish brown	Faint earth	Loamy	<7.5	27	27	0.09	
				2018/11/6	Cloudy	16.2	Dark brown	Faint earth	Loamy	<6.8	42	42	0.07	
				2018/12/1	Cloudy	10.3	Dark brown	Faint earth	Loamy	<8.1	29	29	0.07	
174	Lake Nanko	Izumikawa	Shirakawa City	2018/5/14	Cloudy	16.7	Blackish brown	Faint earth	Loamy	990	9,600	10,590	0.25	
				2018/6/5	Sunny	25.5	Blackish brown	Faint earth	Loamy	420	4,300	4,720	0.22	
				2018/8/11	Cloudy	27.1	Blackish brown	Faint earth	Loamy	280	3,100	3,380	0.22	
				2018/10/2	Sunny	20.0	Blackish brown	Faint earth	Loamy	340	3,500	3,840	0.23	
				2018/11/6	Cloudy	15.1	Blackish brown	Faint earth	Loamy	350	4,300	4,650	0.24	
				2018/12/5	Sunny	12.9	Blackish brown	Faint earth	Loamy	280	3,300	3,580	0.27	
175	Hokkawa Dam	Nishigo Village	2018/5/10	Cloudy	10.4	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.20		
			2018/6/5	Sunny	22.6	Light yellowish brown	Faint earth	Loamy	180	1,900	2,080	0.18		
			2018/8/21	Cloudy	25.8	Light brown	Faint earth	Loamy	130	1,300	1,430	0.20		
			2018/10/4	Sunny	16.5	Brown	Faint earth	Loamy	150	1,700	1,850	0.20		
			2018/11/2	Cloudy	11.1	Brown	Faint earth	Loamy	160	1,800	1,960	0.19		
			2018/12/7	Cloudy	8.7	Light brown	Faint earth	Loamy	170	2,000	2,170	0.19		
176	Lake Nanko	Shirakawa City	2018/5/8	Cloudy	9.2	Blackish brown	Faint earth	Loamy	31	310	341	0.09		
			2018/6/7	Sunny	20.6	Grayish yellowish brown	Faint earth	Loamy	15	170	185	0.10		
			2018/8/10	Sunny	27.2	Blackish brown	Faint earth	Loamy	11	140	151	0.08		
			2018/10/5	Sunny	17.3	Blackish brown	Faint earth	Loamy	21	260	281	0.08		
			2018/11/6	Cloudy	13.7	Blackish brown	Faint earth	Loamy	20	210	230	0.09		
			2018/12/5	Sunny	12.0	Grayish yellowish brown	Faint earth	Loamy	15	150	165	0.10		

# Fukushima River (Water/Aizu Area) 1/4

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
	Location	Municipality					Water temperature (°C)	Sampling depth (m)	General items		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L)		
									Color	Odor					Cs-134	Cs-137	
98	Agano River	Tajima Bridge	Minamiaizu Town	2018/5/10	Cloudy	11.2	0.8	10.6	0.0	Dark grayish yellow green	None	>100	4.3	3	1.5	<-0.77	<-0.92
				2018/6/6	Cloudy	20.7	0.8	17.9	0.0	Grayish yellow green	None	>100	7.0	1	0.9	<-0.87	<-0.69
				2018/8/15	Sunny	34.0	0.8	26.9	0.0	Grayish yellow green	None	>100	7.1	<-1	0.8	<-0.63	<-0.92
				2018/10/11	Cloudy	17.2	0.8	17.2	0.0	Grayish yellow green	None	>100	6.4	<-1	0.7	<-0.54	<-0.80
				2018/11/2	Cloudy	10.2	0.8	11.2	0.0	Grayish yellow green	None	>100	5.6	<-1	0.8	<-0.84	<-0.66
				2018/12/3	Cloudy	8.1	0.8	6.7	0.0	Grayish yellow green	None	>100	5.3	<-1	0.5	<-0.72	<-0.54
	99	Okawa Bridge	Aizuwakamatsu City	2018/5/19	Cloudy	13.9	0.6	15.0	0.0	Dark grayish yellow green	None	>100	6.6	1	1.4	<-0.65	<-0.66
				2018/6/5	Cloudy	25.3	0.3	22.3	0.0	Grayish yellow green	None	>100	8.7	<-1	0.6	<-0.81	<-0.75
				2018/8/7	Cloudy	22.6	0.3	23.7	0.0	Light grayish yellow green	None	>100	8.5	1	1.2	<-0.72	<-0.75
				2018/10/10	Sunny	20.0	0.3	18.7	0.0	Light grayish yellow green	None	81	7.1	3	4.0	<-0.66	<-0.63
				2018/11/3	Sunny	9.8	0.3	14.3	0.0	Light grayish yellow green	None	>100	8.2	2	2.1	<-0.63	<-0.75
				2018/12/7	Rain	12.8	0.8	9.9	0.0	Dark grayish yellow green	None	>100	9.1	<-1	0.8	<-0.69	<-0.75
	100	Takimi Bridge	Aizuwakamatsu City	2018/5/18	Sunny	28.3	0.8	17.1	0.0	Grayish yellow green	None	>100	8.7	5	2.1	<-0.48	<-0.69
				2018/6/13	Cloudy	17.3	0.4	16.4	0.0	Grayish yellow green	None	>100	12.1	4	2.3	<-0.69	<-0.88
				2018/8/6	Cloudy	29.5	0.6	24.9	0.0	Grayish yellow green	None	>100	16.4	6	1.7	<-0.65	<-0.63
				2018/10/18	Sunny	20.7	0.6	15.8	0.0	Grayish greenish yellow	None	>100	11.2	2	1.2	<-0.67	<-0.80
				2018/11/8	Sunny	16.3	0.6	13.8	0.0	Light grayish yellow green	None	>100	11.6	2	0.9	<-0.93	<-0.78
				2018/12/10	Sunny	-0.9	0.5	5.3	0.0	Light grayish yellow green	None	>100	19.0	1	0.8	<-0.62	<-0.69
101	Yukawa River	Shinyukawa Bridge	2018/5/21	Sunny	23.8	0.3	18.1	0.0	Grayish greenish yellow	None	46	9.8	13	7.6	<-0.66	<-0.61	
			2018/6/13	Sunny	20.1	0.3	21.9	0.0	Grayish greenish yellow	None	73	12.3	10	3.9	<-0.85	<-0.75	
			2018/8/7	Cloudy	27.5	0.2	23.8	0.0	Light grayish yellow green	None	>100	15.5	2	0.9	<-0.68	<-0.69	
			2018/10/28	Sunny	15.9	0.2	15.9	0.0	Light grayish yellow green	None	>100	13.1	2	1.6	<-0.98	<-0.75	
			2018/11/19	Rain	12.8	0.2	12.6	0.0	Grayish yellow green	None	>100	34.5	2	1.5	<-0.77	<-0.63	
			2018/12/8	Cloudy	3.1	0.1	5.5	0.0	Light grayish yellow green	None	>100	20.4	1	1.1	<-0.73	<-0.55	
102	Before the confluence with Agano River	Aizuwakamatsu City	2018/5/21	Sunny	24.6	0.4	19.4	0.0	Grayish greenish yellow	None	48	10.0	12	8.2	<-0.67	<-0.69	
			2018/6/13	Sunny	20.7	0.5	21.7	0.0	Grayish greenish yellow	None	80	12.8	9	3.9	<-0.71	<-0.78	
			2018/8/7	Cloudy	26.0	0.4	23.3	0.0	Light grayish greenish yellow	None	>100	19.7	2	1.2	<-0.60	<-0.88	
			2018/10/28	Sunny	15.1	0.2	17.4	0.0	Grayish yellow green	None	>100	15.9	2	1.4	<-0.65	<-0.84	
			2018/11/19	Cloudy	11.9	0.2	13.0	0.0	Grayish yellow green	None	91	23.1	5	4.0	<-0.75	<-0.80	
			2018/12/8	Cloudy	3.6	0.2	9.6	0.0	Light grayish greenish yellow	None	95	40.3	1	1.3	<-0.70	<-0.75	
103	Miyakawa River	Saikuna Bridge	Aizubange Town	2018/5/25	Sunny	27.8	0.6	20.3	0.0	Grayish yellow green	None	43	10.6	11	8.4	<-0.61	<-0.66
				2018/6/9	Cloudy	24.3	0.6	21.0	0.0	Grayish yellow green	None	87	11.4	9	4.3	<-0.73	<-0.80
				2018/8/19	Sunny	17.5	0.4	19.6	0.0	Grayish yellow green	None	>100	11.3	6	2.4	<-0.72	<-0.60
				2018/10/22	Sunny	16.9	0.3	16.3	0.0	Light grayish yellow green	None	>100	13.8	2	0.9	<-0.68	<-0.75
				2018/11/7	Cloudy	18.2	0.3	16.1	0.0	Light grayish yellow green	None	>100	13.2	3	1.7	<-0.81	<-0.63
				2018/12/5	Sunny	8.5	0.6	11.5	0.0	Grayish yellow green	None	80	12.5	7	3.0	<-0.48	<-0.84
104	Agano River	Miyako Bridge	Aizubange Town	2018/5/19	Sunny	16.7	0.6	17.3	0.0	Light grayish greenish yellow	None	95	9.6	5	3.8	<-0.68	<-0.88
				2018/6/9	Cloudy	21.1	0.6	21.7	0.0	Grayish yellow green	None	>100	13.9	2	1.3	<-0.91	<-0.69
				2018/8/25	Cloudy	27.3	0.8	26.6	0.0	Grayish yellow green	None	>100	21.1	2	1.2	<-0.58	<-0.55
				2018/10/28	Sunny	13.0	0.6	16.4	0.0	Grayish yellow green	None	>100	10.4	<-1	0.5	<-0.89	<-0.84
				2018/11/21	Cloudy	4.0	0.6	11.3	0.0	Light grayish yellow green	None	>100	12.5	1	0.6	<-0.63	<-0.80
				2018/12/11	Sunny	1.5	0.6	8.8	0.0	Grayish yellow green	None	>100	13.1	<-1	0.2	<-0.74	<-0.88
105	Nippashi River	Minami-ohashi Bridge	Kitakata City	2018/4/25	Cloudy	20.5	0.7	11.8	0.0	Grayish greenish yellow	None	>100	15.7	4	1.9	<-0.54	<-0.66
				2018/5/24	Sunny	21.9	0.8	19.2	0.0	Light grayish yellow	None	23	9.6	23	16	<-0.90	<-0.84
				2018/6/9	Sunny	27.3	0.6	23.4	0.0	Grayish greenish yellow	None	78	14.3	8	7.4	<-0.59	0.90
				2018/7/14	Cloudy	28.9	0.3	24.1	0.0	Light grayish yellow green	None	90	15.6	10	6.1	<-0.77	<-0.70
				2018/8/29	Cloudy	26.0	0.6	23.0	0.0	Grayish yellow	None	45	18.9	11	5.8	<-0.61	<-0.88
				2018/9/12	Sunny	20.7	0.5	19.9	0.0	Grayish yellow green	None	>100	14.5	4	1.9	<-0.86	<-0.66
				2018/10/30	Rain	9.8	0.8	11.7	0.0	Grayish yellow green	None	>100	14.0	2	1.9	<-0.77	<-0.55
				2018/12/11	Sunny	6.6	0.4	6.9	0.0	Grayish yellow green	None	>100	16.2	4	2.8	<-0.80	<-0.75
				2019/1/10	Cloudy	1.8	0.6	4.9	0.0	Light grayish reddish yellow	None	>100	13.6	5	3.1	<-0.67	<-0.69
2019/2/2	Cloudy	2.4	0.5	2.1	0.0	Light grayish yellow	None	65	14.8	9	4.7	<-0.58	<-0.75				

# Fukushima River (Water/Aizu Area)2/4

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
	Location	Municipality	Water temperature (°C)					Sampling depth (m)	General items		Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L)			
									Color	Odor					Radioactive cesium Cs-134	Radioactive cesium Cs-137		
106	Kyu-yukawa River	Awanomiya Bridge	Yugawa Village	2018/5/28	Sunny	18.9	0.6	15.8	0.0	Light grayish greenish yellow	None	38	16.9	17	10	<-0.77	<-0.48	
				2018/6/16	Cloudy	18.6	0.6	16.9	0.0	Grayish greenish yellow	None	76	16.9	7	4.3	<-0.75	<-0.69	
				2018/8/6	Cloudy	30.3	0.6	27.6	0.0	Grayish yellow	None	28	15.6	22	9.8	<-0.60	<-0.48	
				2018/10/28	Cloudy	11.6	0.4	13.3	0.0	Light grayish greenish yellow	None	>100	20.2	3	2.4	<-0.77	<-0.70	
				2018/11/20	Sunny	13.7	0.5	11.5	0.0	Light grayish greenish yellow	None	91	36.2	4	2.5	<-0.58	<-0.63	
	107	Kyu-miyakawa River	Josuke Bridge	Aizubange Town	2018/12/11	Cloudy	4.2	0.3	5.7	0.0	Grayish yellow green	None	>100	23.4	2	2.2	<-0.79	<-0.69
					2018/5/26	Sunny	26.0	0.5	20.4	0.0	Grayish yellow green	None	38	12.2	15	12	<-0.61	<-0.61
					2018/6/12	Cloudy	21.6	0.6	19.6	0.0	Grayish yellow green	None	71	13.5	13	6.1	<-0.63	<-0.84
					2018/8/12	Sunny	32.4	0.5	25.3	0.0	Grayish greenish yellow	None	80	13.9	17	7.4	<-0.78	<-0.69
					2018/10/25	Sunny	17.4	0.6	15.6	0.0	Grayish greenish yellow	None	75	15.1	10	4.8	<-0.87	<-0.61
108	Tatsuki River	Ohashi	Kitakata City	2018/11/9	Cloudy	20.4	0.5	15.4	0.0	Grayish greenish yellow	None	40	15.4	19	7.5	<-0.81	<-0.69	
				2018/12/8	Cloudy	4.2	0.4	8.7	0.0	Grayish greenish yellow	None	55	15.5	17	8.1	<-0.80	<-0.80	
				2018/5/24	Cloudy	21.6	0.4	15.5	0.0	Light grayish yellow green	None	>100	5.9	2	1.9	<-0.48	<-0.84	
				2018/6/15	Cloudy	19.7	0.5	16.3	0.0	Light grayish greenish yellow	None	>100	8.7	2	1.3	<-0.79	<-0.70	
				2018/8/10	Cloudy	27.4	0.3	22.8	0.0	Light grayish yellow green	None	>100	11.0	2	1.6	<-0.75	<-0.75	
	109	Shimokawara Bridge	Ohashi	Kitakata City	2018/10/26	Sunny	19.6	0.4	13.8	0.0	Light grayish greenish yellow	None	>100	9.5	3	1.3	<-0.46	<-0.66
					2018/11/17	Cloudy	10.6	0.4	9.1	0.0	Light grayish yellow green	None	>100	9.3	<1	0.5	<-0.68	<-0.63
					2018/12/4	Sunny	11.6	0.4	9.2	0.0	Light grayish yellow green	None	>100	9.8	<1	1.1	<-0.67	<-0.66
					2018/5/28	Cloudy	26.7	0.3	18.2	0.0	Light grayish yellow green	None	>100	10.1	6	4.1	<-0.70	<-0.80
					2018/6/16	Cloudy	18.4	0.3	18.3	0.0	Light grayish greenish yellow	None	>100	15.6	4	2.1	<-0.74	<-0.69
110	Nigori River	Nigorigawa Bridge	Kitakata City	2018/8/12	Sunny	26.7	0.2	25.5	0.0	Light grayish greenish yellow	None	92	21.6	4	2.9	<-0.82	<-0.63	
				2018/10/25	Sunny	11.6	0.3	14.1	0.0	Light grayish yellow green	None	>100	15.8	2	0.8	<-0.84	<-0.61	
				2018/11/9	Rain	20.7	0.3	16.0	0.0	Grayish yellow green	None	>100	16.6	3	1.5	<-0.78	<-0.84	
				2018/12/8	Cloudy	6.4	0.3	9.1	0.0	Light grayish greenish yellow	None	>100	16.7	2	1.3	<-0.76	<-0.69	
				2018/5/28	Sunny	24.6	0.4	15.1	0.0	Light grayish yellow green	None	87	8.1	3	2.8	<-0.70	<-0.61	
	111	Yamazaki Bridge	Nigorigawa Bridge	Kitakata City	2018/6/15	Cloudy	19.1	0.2	17.6	0.0	Grayish greenish yellow	None	>100	12.5	3	2.1	<-0.75	<-0.48
					2018/8/12	Sunny	27.3	0.1	24.4	0.0	Light grayish yellow green	None	>100	15.5	5	2.7	<-0.54	<-0.69
					2018/10/25	Sunny	20.1	0.3	16.4	0.0	Light grayish yellow green	None	>100	19.3	2	1.6	<-0.61	<-0.48
					2018/11/9	Cloudy	18.6	0.2	13.8	0.0	Grayish yellow green	None	>100	12.8	3	1.6	<-0.66	<-0.63
					2018/12/4	Sunny	13.2	0.3	11.4	0.0	Light grayish yellow green	None	>100	13.4	3	1.6	<-0.54	<-0.69
112	Aoyagi Bridge	Yamazaki Bridge	Kitakata City	2018/5/28	Cloudy	25.4	0.4	18.2	0.0	Light grayish yellow green	None	75	8.9	5	4.5	<-0.78	<-0.55	
				2018/6/12	Cloudy	23.9	0.3	20.8	0.0	Light grayish greenish yellow	None	93	10.9	6	3.6	<-0.78	<-0.75	
				2018/8/27	Rain	23.4	0.4	22.7	0.0	Light grayish yellow	None	22	12.9	34	20	<-0.82	<-0.80	
				2018/10/25	Sunny	13.3	0.3	15.9	0.0	Light grayish greenish yellow	None	>100	12.5	4	2.3	<-0.84	<-0.78	
				2018/11/9	Cloudy	18.1	0.3	15.4	0.0	Light grayish greenish yellow	None	>100	13.6	4	1.9	<-0.48	<-0.69	
	113	Kurosawa Bridge	Yamazaki Bridge	Minamiaizu Town	2018/12/10	Sunny	3.8	0.3	8.7	0.0	Light grayish yellow green	None	>100	13.6	3	2.0	<-0.68	<-0.80
					2018/5/10	Rain	11.3	0.8	9.4	0.0	Grayish yellow green	None	>100	3.9	2	1.0	<-0.73	<-0.55
					2018/6/6	Cloudy	19.8	0.3	16.0	0.0	Light grayish greenish yellow	None	>100	5.0	<1	0.4	<-0.77	<-0.69
					2018/8/15	Sunny	31.8	0.6	22.0	0.0	Light grayish yellow green	None	>100	5.7	2	1.7	<-0.78	<-0.80
					2018/10/11	Cloudy	18.0	0.3	15.6	0.0	Grayish yellow green	None	>100	7.1	1	1.4	<-0.75	<-0.63
113	Kurosawa Bridge	Tadami Town	Minamiaizu Town	2018/11/2	Cloudy	12.2	0.3	10.1	0.0	Light grayish yellow green	None	>100	6.7	<1	0.6	<-0.82	<-0.60	
				2018/12/3	Cloudy	2.4	0.3	3.9	0.0	Light grayish yellow green	None	>100	7.1	<1	0.3	<-0.47	<-0.54	
				2018/5/11	Sunny	9.5	0.6	9.7	0.0	Grayish yellow green	None	>100	4.7	2	1.2	<-0.88	<-0.84	
				2018/6/7	Sunny	28.7	0.6	20.5	0.0	Grayish yellow green	None	>100	5.4	<1	0.8	<-0.71	<-0.80	
				2018/8/17	Sunny	18.4	0.4	20.5	0.0	Grayish yellow green	None	92	5.5	4	3.0	<-0.80	<-0.66	
113	Kurosawa Bridge	Tadami Town	Tadami Town	2018/10/12	Rain	14.1	0.4	15.0	0.0	Grayish yellow green	None	>100	6.9	2	1.7	<-0.82	<-0.69	
				2018/11/3	Cloudy	6.3	0.4	8.5	0.0	Grayish yellow green	None	>100	6.8	2	0.8	<-0.47	<-0.66	
				2018/12/2	Sunny	7.5	0.3	8.1	0.0	Grayish yellow green	None	>100	6.7	<1	0.6	<-0.70	<-0.61	

# Fukushima River (Water/Aizu Area) 3/4

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
No.	Location	Municipality	General items						Activity concentration(Bq/L)									
			Water temperature (°C)					Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium			
R i v e r s	114	Nishitani Bridge	Kaneyama Town	2018/5/11	Sunny	22.3	0.8	11.4	0.0	Grayish yellow green	None	54	4.1	7	5.1	<-0.69	<-0.61	
				2018/6/8	Sunny	29.0	0.8	14.4	0.0	Dark grayish yellow green	None	>100	5.2	2	1.8	<-0.48	<-0.75	
				2018/8/17	Cloudy	23.4	0.8	20.1	0.0	Grayish yellow green	None	53	6.4	7	6.5	<-0.72	<-0.47	
				2018/10/24	Cloudy	14.2	0.8	13.5	0.0	Grayish yellowish green	None	>100	7.0	<1	1.4	<-0.68	<-0.80	
				2018/11/19	Sunny	10.3	0.6	12.7	0.0	Grayish yellow green	None	92	6.5	4	2.7	<-0.87	<-0.84	
				2018/12/6	Cloudy	8.6	0.8	10.3	0.0	Grayish yellow green	None	64	5.0	5	4.2	<-0.58	<-0.88	
	115	Fuji Bridge	Aizubange Town	2018/5/22	Sunny	29.2	0.8	16.7	0.0	Grayish greenish yellow	None	22	4.5	22	25	<-0.73	<-0.80	
				2018/6/9	Cloudy	21.9	0.8	16.1	0.0	Grayish yellow green	None	>100	6.1	5	2.8	<-0.61	<-0.80	
				2018/8/11	Sunny	27.3	0.6	21.6	0.0	Grayish yellow green	None	>100	6.9	12	5.9	<-0.61	<-0.66	
				2018/10/24	Rain	15.2	0.8	15.0	0.0	Grayish yellow green	None	67	6.7	4	3.7	<-0.80	<-0.80	
				2018/11/9	Cloudy	17.7	0.8	12.8	0.0	Grayish yellow green	None	63	7.0	5	5.0	<-0.77	<-0.75	
				2018/12/5	Rain	10.7	0.8	9.6	0.0	Dark grayish yellow green	None	65	7.0	11	5.3	<-0.60	<-0.84	
	116	Agano River	Shingo Dam	Kitakata City	2018/5/26	Sunny	19.5	0.8	15.6	0.0	Light grayish yellow green	None	66	8.1	5	4.8	<-0.84	<-0.70
					2018/6/12	Cloudy	19.8	0.8	17.1	0.0	Dark grayish yellow green	None	>100	10.2	2	2.2	<-0.80	<-0.80
					2018/8/11	Sunny	27.7	0.8	22.1	0.0	Dark grayish yellow green	None	>100	8.9	3	2.3	<-0.87	<-0.84
					2018/10/26	Sunny	11.2	0.8	15.0	0.0	Grayish yellow green	None	89	9.6	4	3.7	<-0.73	<-0.75
					2018/11/17	Cloudy	9.7	0.8	11.2	0.0	Dark grayish yellow green	None	>100	9.2	2	2.5	<-0.82	<-0.75
					2018/12/5	Rain	9.1	0.8	10.1	0.0	Dark grayish yellow green	None	>100	9.7	3	2.5	<-0.55	<-0.63
	117	Sukawa River	Sukawano	Inawashiro Town	2018/4/26	Cloudy	12.2	0.5	8.7	0.0	Grayish reddish yellow	None	83	9.0	10	9.2	<-0.72	<-0.92
					2018/5/23	Cloudy	20.8	0.4	14.4	0.0	Light grayish yellow green	None	96	47.1	6	6.7	<-0.48	<-0.75
					2018/6/18	Cloudy	22.7	0.3	16.3	0.0	Light grayish yellow green	None	>100	5.9	2	0.5	<-0.72	<-0.63
					2018/7/17	Cloudy	27.2	0.3	19.7	0.0	Light grayish yellow green	None	>100	102	1	0.6	<-0.67	<-0.88
					2018/8/29	Cloudy	25.5	0.4	19.7	0.0	Light grayish greenish yellow	None	>100	50.0	11	5.7	<-0.73	<-0.88
					2018/9/12	Cloudy	19.6	0.3	16.8	0.0	Light grayish yellow green	None	>100	69.1	1	0.4	<-0.53	<-0.66
					2018/10/16	Cloudy	18.5	0.3	14.2	0.0	Light grayish yellow green	None	>100	82.0	1	0.5	<-0.66	<-0.61
					2018/12/5	Cloudy	11.2	0.3	10.5	0.0	Light grayish yellow green	None	>100	107	1	0.4	<-0.59	<-0.75
					2019/1/11	Sunny	4.8	0.3	4.6	0.0	Grayish reddish yellow	None	>100	105	3	0.7	<-0.68	<-0.75
					2019/2/3	Sunny	4.5	0.3	4.4	0.0	Light grayish reddish yellow	None	>100	115	<1	0.6	<-0.52	<-0.84
					2018/4/28	Sunny	18.5	0.5	10.3	0.0	Light grayish greenish yellow	None	73	10.4	8	4.9	<-0.65	<-0.88
					118	Nagase River	Kogane Bridge	Inawashiro Town	2018/5/25	Sunny	21.2	0.6	15.3	0.0	Grayish yellow green	None	>100	24.9
	2018/6/12	Cloudy	21.5	0.4					18.1	0.0	Greenish yellowish white	None	>100	26.0	3	4.0	<-0.71	<-0.80
	2018/7/13	Sunny	26.7	0.4					21.3	0.0	Light grayish yellow green	None	>100	30.2	3	2.9	<-0.66	<-0.84
	2018/8/7	Cloudy	24.1	0.3					21.0	0.0	Light grayish yellow green	None	>100	23.7	4	2.3	<-0.69	<-0.61
	2018/9/7	Cloudy	21.7	0.3					18.9	0.0	Grayish yellow green	None	>100	32.0	7	5.1	<-0.76	<-0.71
	2018/10/7	Cloudy	22.0	0.3					18.3	0.0	Light grayish yellow green	None	>100	34.8	5	5.7	<-0.78	<-0.80
	2018/12/2	Sunny	9.3	0.4					6.6	0.0	Light grayish yellow green	None	>100	40.0	7	7.5	<-0.60	<-0.54
	2019/1/11	Cloudy	0.0	0.3					2.7	0.0	Grayish yellow red	None	>100	37.3	6	6.5	<-0.84	<-0.69
	2019/2/3	Sunny	4.1	0.3					4.4	0.0	Light grayish reddish yellow	None	>100	36.3	5	5.5	<-0.74	<-0.80
	2018/5/9	Rain	8.8	0.4					10.0	0.0	Grayish yellow	None	38	23.0	15	5.7	<-0.69	<-0.48
	2018/6/12	Rain	20.2	0.5					15.9	0.0	Grayish yellow	None	77	21.1	11	3.9	<-0.62	<-0.80
	2018/8/7	Cloudy	21.4	0.3					20.0	0.0	Grayish yellow	None	>100	20.2	8	3.1	<-0.86	<-0.63
	119	Takahashi River	Shinbashi Bridge	Inawashiro Town	2018/10/7	Cloudy	19.9	0.6	16.8	0.0	Light grayish greenish yellow	None	>100	25.5	5	2.1	<-0.58	<-0.75
					2018/11/9	Cloudy	18.1	0.5	14.2	0.0	Light grayish greenish yellow	None	>100	25.4	3	1.6	<-0.72	<-0.69
					2018/12/2	Sunny	5.9	0.4	7.2	0.0	Greenish yellowish white	None	>100	26.3	2	1.8	<-0.51	<-0.66
					2018/5/9	Rain	10.5	0.6	10.8	0.0	Grayish yellow	None	21	23.1	19	9.9	<-0.75	<-0.92
	120	Koguro River	Umemo Bridge	Inawashiro Town	2018/6/12	Sunny	22.8	0.8	17.5	0.0	Grayish yellow	None	55	17.5	10	4.8	<-0.62	<-0.80
					2018/8/7	Cloudy	22.8	0.5	21.6	0.0	Grayish yellow	None	67	16.5	16	6.1	<-0.73	<-0.55
					2018/10/7	Cloudy	21.1	0.4	18.6	0.0	Light grayish yellow	None	>100	25.1	5	3.7	<-0.68	<-0.69
2018/11/10					Cloudy	13.3	0.5	14.1	0.0	Grayish yellow	None	90	25.2	6	3.7	<-0.68	<-0.80	
				2018/12/2	Sunny	8.4	0.5	8.6	0.0	Grayish yellow	None	>100	25.4	6	3.2	<-0.72	<-0.54	

# Fukushima River (Water/Aizu Area) 4/4

R i v e r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water								Remarks		
	No.	Location	Municipality					General items				Activity concentration(Bq/L)						
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)		Radioactive cesium	
121	Hishinuma River	Sekido District	Inawashiro Town	2018/5/9	Cloudy	9.3	0.6	10.6	0.0	Grayish yellow green	None	75	15.5	7	3.5	<0.61	<0.61	
				2018/6/12	Rain	18.7	0.8	18.9	0.0	Grayish yellow	None	83	14.8	5	3.3	<0.75	<0.75	
				2018/8/7	Cloudy	21.0	0.5	20.0	0.0	Grayish yellow	None	88	14.1	10	5.0	<0.68	<0.75	
				2018/10/7	Cloudy	20.5	0.6	18.0	0.0	Grayish greenish yellow	None	84	15.7	7	4.9	<0.72	<0.69	
				2018/11/10	Cloudy	13.1	0.5	13.2	0.0	Light grayish greenish yellow	None	>100	15.0	3	3.0	<0.80	<0.80	
				2018/12/2	Sunny	8.5	0.6	8.4	0.0	Light grayish yellow	None	>100	14.7	1	1.2	<0.60	<0.71	
	122	Funatsu River	Funatsu Bridge	Koriyama City	2018/5/31	Sunny	18.2	0.4	19.3	0.0	Light grayish yellow green	None	>100	10.9	2	2.5	<0.68	<0.55
					2018/6/13	Sunny	16.7	0.4	17.6	0.0	Light grayish yellow green	None	>100	10.2	1	1.1	<0.73	<0.69
					2018/8/9	Rain	23.1	0.3	20.8	0.0	Light grayish yellow green	None	>100	9.3	3	2.5	<0.61	<0.70
					2018/10/8	Sunny	18.8	0.4	16.9	0.0	Light grayish greenish yellow	None	>100	8.9	2	1.3	<0.75	<0.75
					2018/11/9	Rain	16.5	0.3	12.9	0.0	Greenish yellowish white	None	>100	9.7	<1	0.7	<0.66	<0.84
					2018/12/1	Rain	5.8	0.3	8.3	0.0	Light grayish greenish yellow	None	>100	9.5	<1	0.5	<0.49	<0.61
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2018/5/31	Cloudy	17.6	0.8	13.9	0.0	Light grayish yellow	None	>100	6.9	3	3.2	<0.92	<0.63
					2018/6/13	Cloudy	16.2	0.7	14.1	0.0	Grayish yellow	None	>100	6.5	2	2.1	<0.73	<0.63
					2018/8/8	Cloudy	24.5	0.3	20.4	0.0	Light grayish yellow	None	>100	7.3	4	3.6	<0.73	<0.69
					2018/10/7	Cloudy	20.3	0.5	15.6	0.0	Light grayish yellow	None	>100	6.5	2	1.7	<0.51	<0.63
					2018/11/9	Cloudy	16.8	0.3	12.9	0.0	Light grayish yellow	None	>100	6.1	3	2.0	<0.61	<0.75
					2018/12/2	Sunny	3.3	0.6	5.1	0.0	Light grayish yellow	None	>100	6.2	1	1.1	<0.61	<0.63

# Fukushima River (Sediment/Aizu Area) 1/4

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																			Remarks
	No.	Location	Municipality					General items										Activity concentration (Bq/kg(dry))									
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution(%)							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium					
												Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt				Clay	Cs-134	Cs-137	Total		
98	Agano River	Tajima Bridge	Minamiizu Town	2018/5/10	Cloudy	11.2	0.8	10.1	3	Blackish brown	None	0.0	26.9	16.5	14.6	32.9	7.3	0.1	1.7	76.1	2.604	Sand/gravel	<0.86	2.5	2.5		
				2018/6/6	Cloudy	20.7	0.8	18.3	3	Blackish brown	Faint sewage	0.0	29.5	14.6	6.9	41.1	5.1	1.0	1.9	72.4	2.596	Gravel/sand	<1.7	2.0	2.0		
				2018/8/15	Sunny	34.0	0.8	25.9	3	Yellowish gray	Faint algae	0.0	4.0	1.2	1.9	69.7	20.2	1.1	1.9	71.3	2.619	Sand/gravel	<5.0	4.4	4.4		
				2018/10/11	Cloudy	17.2	0.8	17.5	3	Dark grayish yellow	Faint algae	0.0	19.3	3.5	8.0	61.0	4.7	0.1	1.5	72.8	2.611	Sand/gravel	<0.55	1.4	1.4		
				2018/11/2	Cloudy	10.2	0.8	11.2	3	Blackish brown	Faint algae	0.0	16.4	8.2	8.2	58.7	6.1	0.6	1.8	72.9	2.669	Sand/gravel	<0.57	1.7	1.7		
				2018/12/3	Cloudy	8.1	0.8	6.8	3	Grayish yellowish brown	Faint algae	0.0	17.5	7.0	11.0	54.8	6.8	0.8	2.2	74.7	2.629	Sand/gravel	<0.53	1.6	1.6		
	99	Okawa Bridge			2018/5/19	Cloudy	13.9	0.6	15.0	3	Olive black	Faint algae	4.6	48.2	35.0	10.5	1.1	0.1	0.2	0.3	95.7	2.771	Gravel	<0.53	1.3	1.3	
					2018/6/5	Cloudy	25.3	0.3	21.8	3	Olive black	Faint algae	0.0	30.9	33.4	27.2	7.5	0.3	0.0	0.7	91.0	2.814	Gravel/sand	<1.9	2.4	2.4	
					2018/8/7	Cloudy	22.6	0.3	23.6	3	Olive black	Faint algae	0.0	37.7	49.4	11.8	0.8	0.1	0.0	0.3	89.5	2.690	Gravel/sand	<0.58	1.1	1.1	
					2018/10/10	Sunny	20.0	0.3	18.8	3	Olive black	Faint algae	0.0	20.0	35.9	29.5	12.8	0.2	0.3	1.4	90.6	2.716	Gravel/sand	<0.63	1.0	1.0	
					2018/11/3	Sunny	9.8	0.3	14.2	3	Olive black	Faint algae	0.0	28.9	55.3	13.8	1.2	0.0	0.2	0.6	93.0	2.734	Gravel/sand	<0.50	<0.69	-	
					2018/12/7	Rain	12.8	0.8	9.8	3	Olive black	Faint algae	0.0	50.6	40.5	8.0	0.5	0.0	0.0	0.4	91.2	2.715	Gravel/sand	<0.47	0.97	0.97	
	100	Takami Bridge			2018/5/18	Sunny	28.3	0.8	17.5	3	Blackish brown	None	0.0	23.3	19.2	21.9	20.7	9.1	3.3	2.5	68.8	2.637	Sand/gravel	<9.2	50	50	
					2018/6/13	Cloudy	17.3	0.4	16.3	3	Olive black	Faint sewage	0.0	3.2	7.1	19.8	44.3	13.9	7.3	5.4	71.2	2.650	Sand/gravel	<6.2	52	52	
					2018/8/6	Cloudy	29.5	0.6	24.3	3	Olive black	Faint sewage	0.0	6.0	11.5	22.6	40.7	10.7	5.4	3.3	72.0	2.675	Sand/gravel	<5.9	47	47	
					2018/10/18	Sunny	20.7	0.6	16.3	3	Blackish brown	Faint sewage	0.0	9.3	12.4	23.5	32.5	12.2	5.1	5.0	69.5	2.628	Sand/gravel/silt	<6.7	53	53	
					2018/11/8	Sunny	16.3	0.6	13.8	3	Gray	None	0.0	18.2	16.2	21.7	31.6	7.1	1.1	4.1	74.2	2.728	Sand/gravel	<5.0	41	41	
					2018/12/10	Sunny	-0.9	0.5	3.1	3	Blackish brown	Faint algae	2.7	27.3	30.0	25.6	9.2	2.6	0.9	1.8	75.5	2.649	Gravel/sand	<7.3	31	31	
2018/5/21					Sunny	23.8	0.3	17.5	3	Blackish brown	None	6.7	44.4	18.2	8.4	19.7	1.2	0.5	1.0	78.6	2.675	Gravel/sand	<5.0	41	41		
2018/6/13					Sunny	20.1	0.3	20.8	3	Olive black	None	0.0	29.1	19.8	23.0	24.6	2.0	0.5	1.0	76.6	2.703	Gravel/sand	<5.6	34	34		
2018/8/7					Cloudy	27.5	0.2	23.2	3	Blackish brown	Faint algae	0.0	37.7	24.1	17.3	18.9	1.4	0.0	0.8	80.1	2.649	Gravel/sand	<5.0	23	23		
2018/10/28					Sunny	15.9	0.2	15.3	3	Blackish brown	Faint algae	0.0	36.0	21.5	15.8	22.0	3.0	0.5	1.3	80.4	2.663	Sand/gravel	<4.1	34	34		
101	Yukawa River	Shinyakawa Bridge	Aizuwakamatsu City	2018/11/19	Rain	12.8	0.2	12.3	3	Blackish brown	Faint algae	0.0	35.1	21.9	17.0	22.8	2.0	0.0	1.3	81.1	2.651	Gravel/sand	<4.7	25	25		
				2018/12/8	Cloudy	28.1	0.1	5.7	3	Blackish brown	Faint algae	0.0	62.1	32.2	3.4	1.9	0.1	0.1	0.2	82.4	2.671	Gravel/sand	<5.3	31	31		
				2018/5/21	Sunny	24.6	0.4	19.1	3	Blackish brown	Faint algae	5.5	42.8	18.3	17.7	14.3	0.4	0.2	0.8	79.9	2.682	Gravel/sand	<5.5	33	33		
				2018/6/13	Sunny	20.7	0.5	18.7	3	Olive black	None	0.0	29.8	13.4	9.7	34.1	11.5	0.0	1.7	80.3	2.725	Sand/gravel	<3.3	37	37		
				2018/8/7	Cloudy	26.0	0.4	19.8	3	Dark grayish yellow	Faint algae	2.5	26.6	18.1	11.6	29.3	9.9	0.5	1.5	76.0	2.681	Sand/gravel	<4.5	7.7	7.7		
				2018/10/28	Sunny	15.1	0.2	17.2	3	Olive black	Faint algae	0.0	28.9	29.8	23.6	13.7	2.0	0.7	1.4	79.2	2.667	Sand/gravel	<5.4	36	36		
				2018/11/19	Cloudy	11.9	0.2	12.9	3	Blackish brown	Faint algae	0.0	31.4	21.1	24.5	18.9	1.7	0.6	1.9	80.2	2.650	Gravel/sand	<5.4	37	37		
				2018/12/8	Cloudy	3.6	0.2	9.4	3	Blackish brown	Faint algae	1.8	29.5	13.8	22.5	27.4	2.4	1.4	1.3	80.0	2.678	Gravel/sand	<5.4	31	31		
				2018/5/25	Sunny	27.8	0.6	20.7	3	Olive black	Faint sewage	0.0	20.8	10.9	10.6	43.1	11.4	1.7	1.5	75.6	2.676	Sand/gravel	<5.2	15	15		
				2018/6/9	Cloudy	24.3	0.6	20.9	3	Blackish brown	None	0.0	23.6	6.3	7.7	41.1	17.8	2.2	1.4	73.7	2.689	Sand/gravel	<9.0	49	49		
102	Miyakawa River	Saikuna Bridge	Aizubange Town	2018/8/19	Sunny	17.5	0.4	20.4	3	Blackish brown	None	0.0	30.0	14.5	10.3	29.3	14.2	0.6	1.1	83.6	2.819	Sand/gravel	<5.1	14	14		
				2018/10/22	Sunny	16.9	0.3	15.1	3	Blackish brown	Faint algae	0.0	28.9	17.2	10.7	32.8	8.2	0.6	1.6	83.3	2.745	Sand/gravel	<4.8	19	19		
				2018/11/7	Cloudy	18.2	0.3	15.7	3	Blackish brown	Faint algae	2.0	41.7	16.1	10.3	23.5	4.4	0.4	1.5	80.1	2.755	Gravel/sand	<5.4	8.8	8.8		
				2018/12/5	Sunny	8.5	0.6	11.5	3	Blackish brown	Faint algae	0.0	40.5	15.8	10.6	24.8	6.7	0.0	1.7	79.9	2.791	Gravel/sand	<6.2	18	18		
				2018/5/19	Sunny	16.7	0.6	15.3	3	Blackish brown	None	0.0	51.0	16.3	8.6	21.9	1.3	0.3	0.6	83.1	2.755	Gravel/sand	<0.66	2.9	2.9		
				2018/6/9	Cloudy	21.1	0.6	20.5	3	Blackish brown	None	0.0	32.1	11.2	9.2	44.0	1.8	0.6	1.1	79.3	2.678	Sand/gravel	<0.74	3.4	3.4		
				2018/8/25	Cloudy	27.3	0.8	25.6	3	Blackish brown	Faint algae	0.0	42.1	18.7	12.5	24.0	1.6	0.4	0.8	83.4	2.675	Gravel/sand	<2.4	2.6	2.6		
				2018/10/28	Sunny	13.0	0.6	16.5	3	Olive black	Faint algae	0.0	61.8	25.6	9.5	2.5	0.1	0.1	0.4	95.6	2.668	Gravel/sand	<4.3	4.9	4.9		
				2018/11/21	Cloudy	4.0	0.6	12.3	3	Grayish olive	Faint algae	0.0	27.4	28.4	17.5	24.8	0.5	0.5	0.9	86.6	2.687	Gravel/sand	<0.50	2.0	2.0		
				2018/12/11	Sunny	1.5	0.6	9.2	3	Blackish brown	Faint algae	0.0	44.8	20.9	12.9	20.0	0.4	0.2	0.8	83.1	2.662	Gravel/sand	<0.69	2.6	2.6		
103	Miyakawa River	Saikuna Bridge	Aizubange Town	2018/4/25	Cloudy	20.5	0.7	12.2	5	Grayish yellowish brown	None	0.0	0.0	0.0	0.0	65.0	28.1	2.1	4.0	68.1	2.649	Sand/silt	<5.5	57	57		
				2018/5/24	Sunny	21.9	0.8	18.7	3	Blackish brown	None	0.0	0.1	0.0	0.4	62.5	27.2	6.5	3.4	68.1	2.656	Sand	<5.4	39	39		
				2018/6/9	Sunny	27.3	0.6	22.3	3	Blackish brown	None	0.0	0.0	0.0	0.9	63.3	28.8	4.1	3.0	69.0	2.665	Sand	<5.5	48	48		
				2018/7/14	Cloudy	28.9	0.3	21.1	3	Gray	Faint sewage	0.0	4.4	9.3	15.9	54.2	12.7	1.4	2.0	76.1	2.725	Sand/gravel	<5.2	22	22		
				2018/8/29	Cloudy	26.0	0.6	22.7	3	Olive black	Faint sewage	0.0	0.0	0.5	2.8	66.1	22.6	3.7	4.4	66.4	2.634	Sand/silt	<5.9	45	45		
				2018/9/12	Sunny	20.7	0.5	18.9	3	Dark olive brown	Faint sewage	0.0	0.1	0.7	5.6	78.6	13.4	0.6	1.0	70.6	2.588	Sand	<6.8	40	40		
				2018/10/30	Rain	9.8	0.8	12.9	3	Blackish brown	Faint sewage	0.0	18.2	12.2	19.2	39.4	8.2	0.0	2.7	74.6	2.693	Sand/gravel	<4.7	20	20		
				2018/12/11	Sunny	6.6	0.4	9.2	3	Blackish brown	Faint sewage	0.0	17.2	10.5	22.3	46.0	1.8	0.1	2.1	75.0	2.690	Sand/gravel	<5.0	17	17		
				2019/1/10	Cloudy	1.8	0.6	4.8	3	Blackish brown	Faint sewage	0.0	18.6	17.9	19.5	34.7	6.3	0.4	2.6	77.5	2.809	Sand/gravel	<5.7	11	11		
				2019/2/2	Cloudy	2.4	0.5	3.3	5	Grayish yellowish brown	None	0.0	0.0	0.1	6.1	78.0	11.6	1.8	2.3	74.6	2.643	Sand	<5.7	24	24		



# Fukushima River (Sediment/Aizu Area) 2/4

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks
	No.	Location	Municipality					General items										Activity concentration (Bq/kg(dry))							
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution(%)						Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium				
												Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand				Silt	Clay	Cs-134	Cs-137	
106	Kyu-yukawa River	Awanoniya Bridge	Yugawa Village	2018/5/28	Sunny	18.9	0.6	15.6	3	Olive black	Faint sewage	0.0	2.7	2.7	1.3	9.7	60.3	15.6	7.6	59.9	2.690	Sand/silt	29	250	279
				2018/6/16	Cloudy	18.6	0.6	16.8	3	Olive black	None	0.0	5.4	1.7	1.2	8.9	54.9	15.4	12.5	52.8	2.627	Silt/sand	35	310	345
				2018/8/6	Cloudy	30.3	0.6	24.5	3	Olive black	Faint sewage	0.0	1.0	0.2	0.4	4.1	46.1	33.8	14.4	45.0	2.546	Silt	28	350	378
				2018/10/28	Cloudy	11.6	0.4	14.2	3	Blackish brown	Faint sewage	0.0	2.3	0.4	0.5	5.2	47.0	29.5	15.1	54.1	2.556	Silt/sand	33	380	413
				2018/11/20	Sunny	13.7	0.5	11.3	3	Blackish brown	Faint sewage	0.0	0.8	1.0	0.5	5.1	46.0	29.6	17.0	49.3	2.600	Silt/sand	35	410	445
				2018/12/11	Cloudy	4.2	0.3	6.0	3	Olive black	Faint sewage	0.0	1.8	1.2	0.6	5.4	49.4	27.5	14.2	43.8	2.584	Silt/sand	36	390	426
107	Kyu-miyakawa River	Jouke Bridge	Aizubange Town	2018/5/26	Sunny	26.0	0.5	20.6	3	Blackish brown	Faint sewage	0.0	21.4	14.0	20.3	29.2	11.8	1.5	1.9	76.6	2.684	Gravel/sand/silt	<5.0	17	17
				2018/6/12	Cloudy	21.6	0.6	19.3	3	Blackish brown	None	0.0	36.0	15.5	9.6	26.1	10.1	1.4	1.3	78.9	2.774	Gravel/sand	<4.7	30	30
				2018/8/12	Sunny	32.4	0.5	25.3	3	Blackish brown	Faint sewage	0.0	24.4	8.9	7.5	25.6	28.1	2.4	3.1	77.3	2.684	Sand/gravel	<4.1	25	25
				2018/10/25	Sunny	17.4	0.6	16.3	3	Blackish brown	None	0.0	11.5	10.7	12.9	40.3	21.6	0.8	2.3	78.6	2.691	Sand/gravel	<4.2	31	31
				2018/11/9	Cloudy	20.4	0.5	15.8	3	Blackish brown	Faint algae	0.0	30.7	13.4	11.4	29.9	11.9	0.6	2.2	78.6	2.763	Sand/gravel	<4.9	22	22
				2018/12/8	Cloudy	4.2	0.4	8.5	3	Blackish brown	None	0.0	48.9	24.1	9.0	12.4	4.3	0.5	0.9	82.4	2.743	Gravel/sand	<4.4	13	13
108	Tatsuki River	Ohashi	Kitakata City	2018/5/24	Cloudy	21.6	0.4	14.7	3	Dark brown	None	0.0	27.3	29.5	27.4	13.6	1.3	0.1	0.9	84.6	2.620	Gravel/sand	<5.6	20	20
				2018/6/15	Cloudy	19.7	0.5	15.8	3	Dark brown	None	0.0	35.7	26.7	24.2	10.8	1.4	0.4	0.8	76.0	2.586	Gravel/sand	<5.1	16	16
				2018/8/10	Cloudy	27.4	0.3	22.5	3	Blackish brown	Faint algae	0.0	41.9	26.8	18.8	9.2	2.0	0.7	0.7	79.5	2.564	Gravel/sand	<6.2	24	24
				2018/10/26	Sunny	19.6	0.4	13.2	3	Blackish brown	None	0.0	24.9	37.5	27.8	7.3	1.0	0.3	1.3	73.7	2.581	Sand/gravel	<5.8	28	28
				2018/11/17	Cloudy	10.6	0.4	9.4	3	Blackish brown	None	0.0	31.9	36.2	23.2	5.9	1.0	0.2	1.7	76.7	2.611	Gravel/sand	<5.5	29	29
				2018/12/4	Sunny	11.6	0.4	9.1	3	Blackish brown	None	0.0	40.1	30.5	20.8	5.9	1.2	0.3	1.2	77.7	2.633	Sand/gravel	<6.7	29	29
109	Tatsuki River	Shimokawara Bridge	Kitakata City	2018/5/28	Cloudy	26.7	0.3	18.0	3	Blackish brown	None	0.0	52.6	18.0	6.3	17.4	4.2	0.9	0.6	80.1	2.660	Gravel/sand	<5.4	17	17
				2018/6/16	Cloudy	18.4	0.3	18.2	3	Blackish brown	None	0.0	38.1	16.5	7.6	29.6	5.9	1.0	1.4	79.5	2.638	Sand/gravel	<5.0	15	15
				2018/8/12	Sunny	26.7	0.2	25.0	3	Blackish brown	Faint algae	0.0	35.8	15.9	10.4	32.7	3.7	0.5	1.0	73.6	2.616	Gravel/sand	<5.1	20	20
				2018/10/25	Sunny	11.6	0.3	14.2	3	Blackish brown	Faint algae	0.0	36.1	14.8	7.9	32.1	6.7	0.0	2.4	79.9	2.620	Gravel/sand	<4.2	11	11
				2018/11/9	Rain	20.7	0.3	15.9	3	Blackish brown	None	2.4	40.2	20.0	7.9	25.3	4.4	0.4	1.5	81.0	2.677	Gravel/sand	<4.3	12	12
				2018/12/8	Cloudy	6.4	0.3	8.9	3	Blackish brown	Faint algae	0.0	41.5	14.5	8.3	27.3	6.7	0.0	1.8	76.0	2.644	Gravel/sand	<5.6	15	15
110	Nigori River	Nigorigawa Bridge	Kitakata City	2018/5/28	Sunny	24.6	0.4	15.0	3	Blackish brown	None	0.0	45.4	25.1	15.3	11.3	1.6	0.6	0.9	88.4	2.661	Gravel/sand	<5.0	2.2	2.2
				2018/6/15	Cloudy	19.1	0.2	17.8	3	Dark brown	Faint algae	0.0	36.5	29.6	16.0	15.2	1.8	0.4	0.7	85.0	2.662	Gravel/sand	<2.5	4.3	4.3
				2018/8/12	Sunny	27.3	0.1	24.4	3	Blackish brown	Faint algae	0.0	23.2	40.3	25.6	9.1	0.6	0.4	0.7	88.3	2.598	Gravel/sand	<2.5	5.5	5.5
				2018/10/25	Sunny	20.1	0.3	15.9	3	Blackish brown	Faint algae	0.0	33.5	34.9	20.0	9.9	0.7	0.0	0.9	85.0	2.635	Gravel/sand	<4.2	3.7	3.7
				2018/11/9	Cloudy	18.6	0.2	13.9	3	Blackish brown	Faint algae	0.0	34.7	29.2	18.0	14.6	1.8	0.1	1.7	83.0	2.707	Gravel/sand	<0.47	3.9	3.9
				2018/12/4	Sunny	13.2	0.3	10.9	3	Blackish brown	Faint algae	0.0	38.1	28.8	19.2	11.8	0.8	0.0	1.3	83.1	2.680	Gravel/sand	<0.49	3.1	3.1
111	Inagawa River	Yamazaki Bridge	Minamiaizu Town	2018/5/28	Cloudy	25.4	0.4	17.2	3	Blackish brown	None	5.1	38.3	16.5	7.0	27.5	4.8	0.0	0.8	78.9	2.652	Gravel/sand	<4.6	8.0	8.0
				2018/6/12	Cloudy	23.9	0.3	20.5	3	Dark brown	None	0.0	51.3	20.2	8.2	14.5	4.7	0.5	0.7	78.8	2.668	Gravel/sand	<4.7	8.0	8.0
				2018/8/27	Rain	23.4	0.4	23.3	3	Grayish olive	None	0.0	27.3	16.2	11.8	33.4	10.2	0.0	1.1	74.2	2.628	Sand/gravel	<4.9	13	13
				2018/10/25	Sunny	13.3	0.3	15.9	3	Blackish brown	None	0.0	29.4	25.4	11.4	23.8	8.3	0.0	1.8	78.1	2.639	Sand/gravel	<4.1	8.4	8.4
				2018/11/9	Cloudy	18.1	0.3	15.0	3	Blackish brown	None	0.0	30.2	27.7	10.4	22.5	6.5	1.1	1.6	79.4	2.706	Gravel/sand	<4.7	10	10
				2018/12/10	Sunny	3.8	0.3	8.8	3	Blackish brown	Faint algae	0.0	38.3	24.7	8.5	19.4	6.5	1.1	1.5	77.1	2.663	Gravel/sand	<7.3	9.3	9.3
112	Inagawa River	Aoyagi Bridge	Minamiaizu Town	2018/5/10	Rain	11.3	0.8	9.1	3	Yellowish gray	None	0.0	37.9	23.6	6.4	26.3	5.0	0.0	0.8	82.0	2.678	Gravel/sand	<0.85	2.3	2.3
				2018/6/6	Cloudy	19.8	0.3	15.3	3	Yellowish gray	None	0.0	44.7	20.2	10.0	21.8	2.2	0.4	0.7	78.2	2.643	Gravel/sand	<0.83	2.9	2.9
				2018/8/15	Sunny	31.8	0.6	21.6	3	Yellowish gray	None	0.0	35.4	38.9	7.6	14.5	2.9	0.0	0.8	91.0	2.626	Gravel/sand	<0.57	1.4	1.4
				2018/10/11	Cloudy	18.0	0.3	15.2	3	Yellowish gray	None	0.0	26.2	30.9	18.4	16.9	6.0	0.9	0.9	82.9	2.622	Gravel/sand	<0.64	1.6	1.6
				2018/11/2	Cloudy	12.2	0.3	9.7	5	Yellowish gray	Faint algae	0.0	28.2	27.5	16.9	20.4	5.5	0.1	1.3	84.3	2.672	Gravel/sand	<0.76	1.1	1.1
				2018/12/3	Cloudy	2.4	0.3	4.1	3	Yellowish gray	Faint algae	0.0	31.0	29.5	16.1	17.8	4.0	0.4	1.2	84.0	2.668	Sand/gravel	<0.57	1.9	1.9
113	Inagawa River	Kurosawa Bridge	Tadami Town	2018/5/11	Sunny	9.5	0.6	10.1	3	Yellowish gray	None	0.0	0.0	0.0	26.6	59.9	10.2	0.4	2.9	91.0	2.681	Gravel/sand	<0.61	0.88	0.88
				2018/6/7	Sunny	28.7	0.6	20.4	3	Yellowish gray	None	0.0	36.4	16.9	23.2	20.7	1.4	0.5	0.9	81.9	2.672	Gravel/sand	<0.51	1.7	1.7
				2018/8/17	Sunny	18.4	0.4	21.5	3	Yellowish gray	None	0.0	37.6	42.7	13.7	4.1	1.0	0.6	0.4	94.6	2.685	Gravel/sand	<0.51	<0.68	-
				2018/10/12	Rain	14.1	0.4	15.4	3	Yellowish gray	Faint algae	0.0	42.8	23.2	13.9	12.9	1.0	0.4	1.0	82.6	2.660	Gravel/sand	<0.73	0.96	0.96
				2018/11/3	Cloudy	6.3	0.4	8.6	3	Gray	None	0.0	36.4	29.5	23.2	8.7	1.2	0.0	1.0	83.3	2.688	Gravel/sand	<0.62	1.1	1.1
				2018/12/2	Sunny	7.5	0.3	8.1	3	Olive black	Faint algae	0.0	31.1	25.6	22.1	18.6	0.9	0.7	1.0	82.9	2.695	Gravel/sand	<0.60	0.90	0.90

# Fukushima River (Sediment/Aizu Area) 3/4

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																				Remarks
	No.	Location	Municipality					General items										Activity concentration (Bq/kg(dry))										
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution(%)							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium						
												Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt				Clay	Cs-134	Cs-137	Total			
114	Tadami River	Nishitani Bridge	Kaneyama Town	2018/5/11	Sunny	22.3	0.8	10.9	3	Dark olive brown	None	3.1	45.0	22.8	12.1	10.4	4.4	1.1	1.2	79.5	2.689	Gravel/sand	<2.6	3.2	3.2			
				2018/6/8	Sunny	29.0	0.8	14.4	3	Blackish brown	None	0.0	55.0	20.4	9.7	8.7	6.2	1.2	0.7	79.5	2.669	Gravel/sand	0.87	3.3	4.17			
				2018/8/17	Cloudy	23.4	0.8	19.8	3	Dark grayish yellow	None	0.0	34.0	21.8	20.8	17.9	2.2	1.3	1.9	84.0	2.656	Gravel/sand	<0.79	1.8	1.8			
				2018/10/24	Cloudy	14.2	0.8	14.3	3	Dark grayish yellow	None	0.0	30.2	25.4	18.5	17.3	4.7	1.6	2.4	79.7	2.667	Sand/gravel	<0.53	4.3	4.3			
				2018/11/19	Sunny	10.3	0.6	12.5	3	Dark grayish yellow	None	0.0	46.2	13.1	8.4	17.3	11.0	1.9	2.2	78.8	2.636	Gravel/sand	<0.79	4.0	4.0			
	115	Fuji Bridge	Aizubange Town	2018/12/6	Cloudy	8.6	0.8	9.9	3	Blackish brown	Faint algae	0.0	61.4	17.2	7.7	6.2	4.5	1.5	1.6	82.9	2.662	Gravel/sand	<0.79	2.0	2.0			
				2018/5/22	Sunny	29.2	0.8	15.3	3	Grayish yellowish brown	None	0.0	3.3	5.3	5.2	33.7	35.6	12.9	4.0	64.1	2.653	Sand	<6.5	23	23			
				2018/6/9	Cloudy	21.9	0.8	14.9	3	Dark grayish yellow	None	0.0	1.8	2.3	2.0	28.8	45.8	13.6	5.6	62.6	2.635	Sand	<8.4	36	36			
				2018/8/11	Sunny	27.3	0.6	20.0	3	Olive black	Faint sewage	0.0	0.6	0.7	1.1	14.4	57.7	19.1	6.4	60.2	2.574	Sand/silt	<6.6	35	35			
				2018/10/24	Rain	15.2	0.8	14.8	3	Grayish olive	Faint sewage	0.0	1.4	3.5	3.6	22.1	42.4	17.6	9.5	49.8	2.579	Silt/sand	<9.6	71	71			
116	Agano River	Shingo Dam	Kitakata City	2018/11/19	Cloudy	17.7	0.8	12.3	3	Blackish brown	None	0.0	19.2	10.5	5.2	26.2	31.3	4.2	3.4	76.3	2.770	Sand/gravel	<5.3	46	46			
				2018/12/5	Rain	10.7	0.8	9.9	3	Grayish yellowish brown	None	0.0	5.1	4.9	3.1	23.8	46.9	11.5	4.8	66.0	2.687	Sand	<8.1	28	28			
				2018/5/26	Sunny	19.5	0.8	12.9	5	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.5	18.2	55.9	27.4	36.5	2.563	Silt	<15	150	150			
				2018/6/12	Cloudy	19.8	0.8	17.4	3	Olive black	None	0.0	1.9	1.1	0.5	9.5	55.6	19.6	11.8	63.1	2.598	Sand/silt/gravel	<5.8	17	17			
				2018/8/11	Sunny	27.7	0.8	23.4	3	Grayish olive	Faint swamp	0.0	4.2	4.2	0.3	7.7	53.2	24.0	6.4	63.5	2.579	Silt/sand/gravel	<6.7	26	26			
				2018/10/26	Sunny	11.2	0.8	15.0	5	Olive black	None	0.0	1.5	0.3	0.6	6.4	41.0	31.0	19.3	51.5	2.548	Silt/sand	<7.4	78	78			
				2018/11/17	Cloudy	9.7	0.8	11.4	3	Grayish olive	Faint swamp	0.0	1.1	2.1	0.5	12.8	44.8	23.0	15.8	44.3	2.601	Silt/sand	<11	98	98			
				2018/12/5	Rain	9.1	0.8	10.1	5	Grayish olive	Faint sewage	0.0	6.1	2.3	1.2	11.8	44.5	22.6	11.6	48.4	2.665	Silt/sand	<12	64	64			
				2018/4/26	Cloudy	12.2	0.5	8.6	3	Grayish yellowish brown	None	0.0	25.1	13.4	10.8	37.7	11.2	0.7	1.2	68.8	2.682	Sand/gravel	<5.8	35	35			
				2018/5/23	Cloudy	20.8	0.4	14.0	3	Blackish brown	None	0.0	25.8	23.7	17.7	27.2	4.2	0.5	1.0	78.7	2.867	Gravel/sand	<5.4	21	21			
117	Sakawa River	Sukawano	2018/6/18	Cloudy	22.7	0.3	16.4	3	Dark brown	None	0.0	25.4	34.4	28.0	10.3	0.6	0.3	0.9	83.3	2.665	Gravel/sand	<4.6	12	12				
			2018/7/17	Cloudy	27.2	0.3	20.1	3	Dark brown	Faint swamp	0.0	12.8	30.8	25.0	22.3	5.9	1.9	1.3	76.8	2.668	Sand/gravel	<5.8	36	36				
			2018/8/29	Cloudy	25.5	0.4	20.1	3	Grayish brown	None	0.0	9.9	29.0	26.6	25.6	6.4	0.7	1.9	73.2	2.605	Gravel/sand	<5.0	21	21				
			2018/9/12	Cloudy	19.6	0.3	16.9	3	Dark brown	None	0.0	25.3	28.2	20.2	21.9	3.6	0.4	0.5	85.4	2.767	Sand/gravel	<4.6	13	13				
			2018/10/16	Cloudy	18.5	0.3	14.1	3	Dark brown	None	0.0	26.9	36.5	15.1	16.9	3.2	0.2	1.2	79.8	2.615	Gravel/sand	<6.4	11	11				
			2018/12/5	Cloudy	11.2	0.3	10.4	3	Dull yellowish brown	None	0.0	7.2	23.3	35.7	27.1	3.0	1.0	2.8	75.5	2.579	Sand/gravel	<6.4	12	12				
			2019/1/11	Sunny	4.8	0.3	4.8	3	Brown	None	0.0	26.5	29.2	20.8	18.6	2.7	0.5	1.7	75.0	2.700	Gravel/sand	<5.0	15	15				
			2019/2/3	Sunny	4.5	0.3	3.8	3	Brown	None	0.0	12.8	21.3	27.9	28.2	5.9	1.4	2.6	72.4	2.604	Gravel/sand	<5.6	21	21				
			2018/4/28	Sunny	18.5	0.5	9.9	3	Dark brown	Faint swamp	0.0	33.3	30.9	13.4	11.8	8.3	1.2	1.1	79.2	2.752	Gravel/sand	<4.8	36	36				
			2018/5/25	Sunny	21.2	0.6	15.5	3	Extremely dark brown	None	2.4	52.2	9.8	4.9	22.1	7.1	0.6	0.8	78.6	2.726	Gravel/sand	<7.1	30	30				
			2018/6/12	Cloudy	21.5	0.4	19.0	3	Brown	None	0.0	22.8	10.8	11.0	46.3	7.7	0.0	1.2	78.4	3.018	Sand/gravel	<3.9	14	14				
			2018/7/13	Sunny	26.7	0.4	22.3	3	Extremely dark brown	Faint swamp	0.0	33.7	18.9	14.5	29.9	2.0	0.0	0.9	78.4	2.937	Gravel/sand	<5.1	16	16				
			2018/8/7	Cloudy	24.1	0.3	21.0	3	Dark reddish brown	Faint swamp	0.0	46.7	42.7	5.5	3.1	1.6	0.1	0.3	91.7	2.745	Gravel/sand	<4.7	11	11				
			2018/9/7	Cloudy	21.7	0.3	19.0	3	Extremely dark brown	None	0.0	31.3	17.6	16.6	30.7	2.9	0.0	1.0	78.7	2.816	Sand/gravel	<5.1	17	17				
			2018/10/7	Cloudy	22.0	0.3	18.5	3	Dark brown	None	0.0	17.5	11.7	12.2	49.6	7.1	0.0	2.0	76.8	2.899	Gravel/sand	<5.2	24	24				
2018/12/2	Sunny	9.3	0.4	7.3	3	Extremely dark brown	None	0.0	20.3	34.6	24.4	16.7	2.3	0.4	1.3	80.1	2.882	Sand/gravel	<3.3	6.0	6.0							
2019/1/11	Cloudy	0.0	0.3	2.6	3	Dark brown	None	0.0	17.7	26.3	24.3	28.2	1.9	0.1	1.6	74.8	2.814	Gravel/sand	<5.0	15	15							
2019/2/3	Sunny	4.1	0.3	3.5	5	Dark brown	None	0.0	18.4	34.4	34.0	8.8	2.6	0.1	1.9	76.6	2.662	Gravel/sand	<5.2	18	18							
119	Takahashi River	Shinbushi Bridge	2018/5/9	Rain	8.8	0.4	10.1	3	Blackish brown	None	0.0	19.0	5.8	18.0	42.5	7.9	3.9	3.0	64.1	2.636	Sand/gravel	<10	21	21				
			2018/6/12	Rain	20.2	0.5	16.0	3	Blackish brown	None	0.0	19.2	29.7	24.8	21.9	2.5	0.5	1.5	76.1	2.751	Sand/gravel	<4.6	31	31				
			2018/8/7	Cloudy	21.4	0.3	21.9	3	Dull yellowish brown	Faint sewage	0.0	13.7	4.7	25.2	38.1	9.5	5.5	3.3	68.4	2.652	Sand/gravel	<5.9	36	36				
			2018/10/7	Cloudy	19.9	0.6	17.2	3	Blackish brown	None	0.0	20.4	28.3	19.1	25.6	4.7	0.3	1.7	73.7	2.841	Sand/gravel	<5.5	23	23				
			2018/11/9	Cloudy	18.1	0.5	14.0	3	Dark brown	Faint sewage	0.0	2.7	8.4	34.2	43.9	6.6	1.7	2.6	72.6	2.687	Sand/gravel	<4.4	35	35				
			2018/12/2	Sunny	5.9	0.4	7.1	3	Blackish brown	None	0.0	28.9	21.9	19.1	22.3	4.8	1.1	1.9	72.6	2.799	Sand/gravel	<9.1	15	15				
120	Koguro River	Umeno Bridge	2018/5/9	Rain	10.5	0.6	11.0	3	Black	Faint sewage	0.0	5.0	8.8	16.3	47.8	15.1	4.0	2.9	69.0	2.678	Sand	14	130	144				
			2018/6/12	Sunny	22.8	0.8	18.3	3	Blackish brown	None	0.0	0.0	0.0	3.5	56.5	28.3	7.5	4.0	66.9	2.626	Sand/gravel	13	130	143				
			2018/8/7	Cloudy	22.8	0.5	21.8	3	Blackish brown	Faint sewage	6.3	10.6	9.7	30.1	33.8	4.5	2.2	2.9	72.5	2.707	Sand/gravel	7.9	83	90.9				
			2018/10/7	Cloudy	21.1	0.4	19.0	3	Blackish brown	Faint swamp	0.0	2.1	23.9	44.1	26.3	1.4	0.1	2.2	77.8	2.641	Sand/gravel	<6.1	84	84				
			2018/11/10	Cloudy	13.3	0.5	13.7	3	Blackish brown	Faint sewage	0.0	8.5	23.6	36.8	26.5	1.4	1.3	1.9	74.5	2.720	Sand/gravel	<5.6	75	75				
			2018/12/2	Sunny	8.4	0.5	8.6	3	Blackish brown	None	0.0	2.8	24.0	44.4	23.8	2.1	0.8	2.1	76.0	2.725	Sand/gravel	<6.4	78	78				

# Fukushima River (Sediment/Aizu Area) 4/4

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																	Remarks			
	No.	Location	Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odor	General items										Sediment content (%)	Density (g/cm <sup>3</sup> )	Property		Activity concentration [Bq/kg(dry)]		
												Grain size distribution(%)														Radioactive cesium		
												Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Cs-134	Cs-137					Total		
R i v e r s	121	Hibinuma River	Sekido District Inawashiro Town	2018/5/9	Cloudy	9.3	0.6	10.1	5	Olive black	Faint sewage	0.0	1.3	5.4	16.3	52.9	8.2	8.5	7.5	57.0	2.669	Sand/silt	8.0	76	84.0			
				2018/6/12	Rain	18.7	0.8	18.5	5	Olive black	Faint sewage	0.0	1.4	4.3	20.7	42.4	9.0	11.1	11.1	60.8	2.593	Silt/sand	15	110	125			
				2018/8/7	Cloudy	21.0	0.5	20.5	5	Olive black	Faint sewage	0.0	1.0	2.8	6.0	16.5	15.7	43.3	14.7	21.6	2.568	Silt/sand	25	260	285			
				2018/10/7	Cloudy	20.5	0.6	17.6	5	Olive black	Faint sewage	0.0	0.6	1.6	23.4	48.1	10.5	8.1	7.9	52.8	2.623	Sand/silt	<9.7	84	84			
				2018/11/10	Cloudy	13.1	0.5	13.1	5	Blackish brown	Faint sewage	0.0	2.9	2.5	6.5	51.3	17.5	10.0	9.3	54.0	2.743	Sand/silt	17	160	177			
				2018/12/2	Sunny	8.5	0.6	9.3	5	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.3	2.8	53.9	43.1	21.2	2.448	Silt	55	660	715			
	122	Funatsu River	Funatsu Bridge	Koriyama City	2018/5/31	Sunny	18.2	0.4	18.7	3	Blackish brown	Faint algae	0.0	26.1	18.7	20.9	31.5	1.7	0.0	1.1	75.4	2.665	Gravel/sand	<3.4	3.8	3.8		
					2018/6/13	Sunny	16.7	0.4	16.6	3	Blackish brown	None	0.0	15.0	16.0	19.2	39.6	6.6	1.9	1.6	74.8	2.639	Sand/gravel	<6.2	7.4	7.4		
					2018/8/9	Rain	23.1	0.3	20.7	3	Dull yellowish brown	None	0.0	38.1	21.9	15.7	22.0	1.2	0.1	1.1	80.3	2.634	Sand/gravel	<4.7	5.0	5.0		
					2018/10/8	Sunny	18.8	0.4	17.6	3	Dark brown	None	0.0	24.9	13.4	11.2	33.7	14.9	0.7	1.2	73.7	2.695	Sand/gravel	<0.49	3.9	3.9		
					2018/11/9	Rain	16.5	0.3	13.0	3	Dull yellowish brown	Faint swamp	0.0	23.8	39.3	25.3	8.2	1.7	0.4	1.4	83.6	2.680	Sand/gravel	<0.76	1.7	1.7		
					2018/12/1	Rain	5.8	0.3	9.0	3	Dull yellowish brown	None	0.0	8.0	29.3	40.1	16.2	3.4	1.2	1.8	75.0	2.691	Sand/gravel	<0.65	2.2	2.2		
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2018/5/31	Cloudy	17.6	0.8	13.7	5	Blackish brown	None	0.0	0.0	0.0	0.3	1.9	31.8	44.1	22.0	30.6	2.397	Silt	24	230	254		
					2018/6/13	Cloudy	16.2	0.7	14.3	5	Dull yellowish brown	Faint sewage	0.0	0.6	3.9	18.3	33.2	36.3	5.4	2.3	69.4	2.595	Sand	<6.0	42	42		
					2018/8/8	Cloudy	24.5	0.3	19.4	5	Dark brown	Faint sewage	0.0	14.2	20.1	21.9	17.6	17.9	5.3	3.0	73.7	2.620	Sand/gravel	<5.2	21	21		
					2018/10/7	Cloudy	20.3	0.5	16.8	5	Dark brown	None	0.0	20.6	13.3	22.1	36.9	4.5	0.6	1.9	74.6	2.763	Sand/gravel	<5.5	8.1	8.1		
					2018/11/9	Cloudy	16.8	0.3	13.1	5	Brown	Faint swamp	0.0	9.3	20.8	46.3	19.9	1.0	0.7	2.0	80.6	2.682	Sand/gravel	<5.5	5.9	5.9		
					2018/12/2	Sunny	3.3	0.6	7.4	5	Blackish brown	Faint metal	0.0	0.1	1.2	25.4	66.2	3.3	1.0	2.8	74.3	2.772	Sand	<0.47	5.3	5.3		

# Fukushima River (Surrounding Environment/Aizu Area)1/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
No.	Location		Municipality				Left bank			Right bank											
							Color	Odor	Property	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)					
													Radioactive cesium								
			Cs-134	Cs-137	Total				Cs-134	Cs-137	Total										
R i v e r s	98	Agano River	Tajima Bridge	Minamiaizu Town	2018/5/10	Cloudy	11.2	Blackish brown	Faint earth	Loamy	<8.4	88	88	0.04	Blackish brown	Faint earth	Loamy	<6.4	41	41	0.04
					2018/6/6	Cloudy	20.7	Blackish brown	Faint earth	Loamy	8.0	61	69.0	0.06	Blackish brown	Faint earth	Loamy	<8.2	79	79	0.05
					2018/8/15	Sunny	34.0	Blackish brown	Faint earth	Loamy	15	150	165	0.05	Blackish brown	Faint earth	Loamy	9.3	94	103.3	0.05
					2018/10/11	Cloudy	17.2	Dark brown	Faint earth	Loamy	6.7	90	96.7	0.05	Blackish brown	Faint earth	Loamy	11	100	111	0.04
					2018/11/2	Cloudy	10.2	Blackish brown	Faint earth	Loamy	<9.5	77	77	0.04	Blackish brown	Faint earth	Loamy	<9.1	56	56	0.05
					2018/12/3	Cloudy	8.1	Blackish brown	Faint earth	Loamy	<9.8	83	83	0.05	Blackish brown	Faint earth	Loamy	<8.5	70	70	0.05
	99	Okawa Bridge	Aizuwakamatsu City	2018/5/19	Cloudy	13.9	Blackish brown	Faint earth	Loamy	9.4	110	119.4	0.05	Blackish brown	Faint earth	Loamy	13	110	123	0.04	
				2018/6/5	Cloudy	25.3	Blackish brown	None	Loamy	11	100	111	0.05	Blackish brown	Faint earth	Loamy	15	150	165	0.05	
				2018/8/7	Cloudy	22.6	Blackish brown	Faint earth	Loamy	15	120	135	0.07	Blackish brown	Faint earth	Loamy	14	180	194	0.05	
				2018/10/10	Sunny	20.0	Blackish brown	Faint earth	Loamy	8.7	93	101.7	0.06	Blackish brown	Faint earth	Loamy	18	160	178	0.04	
				2018/11/3	Sunny	9.8	Blackish brown	Faint earth	Loamy	14	140	154	0.06	Blackish brown	Faint earth	Loamy	25	260	285	0.05	
				2018/12/7	Rain	12.8	Blackish brown	Faint earth	Loamy	10	110	120	0.05	Black	Faint earth	Loamy	25	250	275	0.05	
	100	Takimi Bridge	Aizuwakamatsu City	2018/5/18	Sunny	28.3	Blackish brown	None	Loamy	14	170	184	0.09	Blackish brown	Faint earth	Loamy	43	390	433	0.05	
				2018/6/13	Cloudy	17.3	Dark brown	Faint earth	Loamy	33	340	373	0.08	Olive black	None	Loamy	51	450	501	0.04	
				2018/8/6	Cloudy	29.5	Grayish yellowish brown	None	Loamy	21	240	261	0.08	Blackish brown	Faint earth	Loamy	43	490	533	0.05	
				2018/10/18	Sunny	20.7	Blackish brown	Faint earth	Loamy	30	320	350	0.07	Blackish brown	Faint sewage	Loamy	49	560	609	0.05	
				2018/11/8	Sunny	16.3	Dark brown	Faint earth	Loamy	37	470	507	0.07	Blackish brown	None	Loamy	51	620	671	0.06	
				2018/12/10	Sunny	-0.9	Dark brown	Faint earth	Loamy	13	150	163	0.06	Blackish brown	Faint earth	Loamy	47	490	537	0.05	
	101	Yukawa River	Shinyukawa Bridge	2018/5/21	Sunny	23.8	Dark brown	Faint earth	Loamy	69	600	669	0.09	Blackish brown	Faint earth	Loamy	78	700	778	0.07	
				2018/6/13	Sunny	20.1	Blackish brown	None	Loamy	160	1,700	1,860	0.08	Blackish brown	Faint earth	Loamy	56	620	676	0.07	
				2018/8/7	Cloudy	27.5	Blackish brown	Faint earth	Loamy	74	640	714	0.09	Blackish brown	Faint earth	Loamy	73	740	813	0.08	
				2018/10/28	Sunny	15.9	Blackish brown	Faint earth	Loamy	55	590	645	0.08	Blackish brown	Faint earth	Loamy	76	710	786	0.08	
				2018/11/19	Rain	12.8	Dark brown	Faint earth	Loamy	36	410	446	0.08	Dark brown	Faint earth	Loamy	48	600	648	0.07	
				2018/12/8	Cloudy	3.1	Dark brown	Faint earth	Loamy	31	380	411	0.07	Blackish brown	Faint earth	Loamy	39	490	529	0.08	
	102	Before the confluence with Agano River	Aizuwakamatsu City	2018/5/21	Sunny	24.6	Blackish brown	Faint earth	Loamy	220	2,300	2,520	0.09	Blackish brown	Faint earth	Loamy	50	510	560	0.07	
				2018/6/13	Sunny	20.7	Blackish brown	Faint earth	Loamy	23	330	353	0.07	Blackish brown	Faint earth	Loamy	86	970	1,056	0.08	
				2018/8/7	Cloudy	26.0	Blackish brown	Faint earth	Loamy	33	350	383	0.08	Grayish yellowish brown	Faint earth	Loamy	51	530	581	0.08	
				2018/10/28	Sunny	15.1	Black	Faint earth	Loamy	200	2,400	2,600	0.09	Blackish brown	Faint earth	Loamy	87	1,000	1,087	0.07	
2018/11/19				Cloudy	11.9	Blackish brown	Faint earth	Loamy	140	1,600	1,740	0.08	Blackish brown	Faint earth	Loamy	71	680	751	0.08		
2018/12/8				Cloudy	3.6	Black	Faint earth	Loamy	49	580	629	0.08	Blackish brown	Faint earth	Loamy	73	870	943	0.08		
103	Miyakawa River	Saikuna Bridge	Aizubange Town	2018/5/25	Sunny	27.8	Blackish brown	None	Loamy	39	390	429	0.06	Blackish brown	None	Loamy	38	360	398	0.07	
				2018/6/9	Cloudy	24.3	Grayish yellowish brown	Faint earth	Loamy	18	290	308	0.06	Grayish yellowish brown	None	Loamy	33	340	373	0.08	
				2018/8/19	Sunny	17.5	Blackish brown	Faint earth	Loamy	49	610	659	0.07	Blackish brown	Faint earth	Loamy	65	620	685	0.08	
				2018/10/22	Sunny	16.9	Blackish brown	Faint earth	Loamy	66	760	826	0.07	Blackish brown	Faint earth	Loamy	83	1,100	1,183	0.08	
				2018/11/7	Cloudy	18.2	Blackish brown	Faint earth	Loamy	26	330	356	0.06	Blackish brown	Faint earth	Loamy	48	500	548	0.07	
				2018/12/5	Sunny	8.5	Blackish brown	Faint earth	Loamy	48	570	618	0.06	Blackish brown	Faint earth	Loamy	59	710	769	0.06	
104	Agano River	Miyako Bridge	Aizubange Town	2018/5/19	Sunny	16.7	Blackish brown	None	Loamy	93	830	923	0.10	Blackish brown	Faint earth	Loamy	<4.9	7.6	7.6	0.05	
				2018/6/9	Cloudy	21.1	Dark brown	Faint earth	Loamy	86	910	996	0.10	Blackish brown	Faint earth	Loamy	23	230	253	0.07	
				2018/8/25	Cloudy	27.3	Blackish brown	Faint earth	Loamy	40	450	490	0.10	Blackish brown	Faint earth	Loamy	<6.4	31	31	0.06	
				2018/10/28	Sunny	13.0	Blackish brown	Faint earth	Loamy	91	900	991	0.09	Blackish brown	Faint earth	Loamy	<4.6	18	18	0.05	
				2018/11/21	Cloudy	4.0	Blackish brown	Faint earth	Loamy	69	810	879	0.09	Blackish brown	Faint earth	Loamy	<9.1	46	46	0.05	
				2018/12/11	Sunny	1.5	Blackish brown	Faint earth	Loamy	66	750	816	0.08	Blackish brown	Faint earth	Loamy	<6.0	11	11	0.05	
105	Nippashi River	Minami-ohashi Bridge	Kitakata City	2018/4/25	Cloudy	20.5	Dark brown	Faint earth	Loamy	94	670	764	0.10	Dull yellowish brown	Faint earth	Loamy	66	690	756	0.07	
				2018/5/24	Sunny	21.9	Blackish brown	Faint earth	Loamy	120	1,100	1,220	0.09	Blackish brown	Faint earth	Loamy	82	750	832	0.08	
				2018/6/9	Sunny	27.3	Grayish yellowish brown	None	Loamy	130	1,200	1,330	0.10	Dull yellowish brown	None	Loamy	81	810	891	0.09	
				2018/7/14	Cloudy	28.9	Grayish yellowish brown	Faint earth	Loamy	160	1,700	1,860	0.11	Dull yellowish brown	Faint earth	Loamy	120	1,300	1,420	0.09	
				2018/8/29	Cloudy	26.0	Blackish brown	Faint earth	Loamy	130	1,500	1,630	0.09	Blackish brown	Faint earth	Loamy	72	860	932	0.08	
				2018/9/12	Sunny	20.7	Blackish brown	Faint earth	Loamy	160	1,800	1,960	0.14	Dark brown	Faint earth	Loamy	80	980	1,060	0.12	
				2018/10/30	Rain	9.8	Dark brown	Faint earth	Loamy	130	1,500	1,630	0.10	Dark brown	Faint earth	Loamy	56	650	706	0.09	
				2018/12/11	Sunny	6.6	Blackish brown	Faint earth	Loamy	110	1,300	1,410	0.09	Blackish brown	Faint earth	Loamy	99	1,200	1,299	0.08	
				2019/1/10	Cloudy	1.8	Dark brown	Faint earth	Loamy	190	2,000	2,190	0.09	Dull yellowish brown	Faint earth	Loamy	57	720	777	0.09	
				2019/2/2	Cloudy	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# Fukushima River (Surrounding Environment/Aizu Area) 2/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
No.	Location		Municipality				Left bank			Activity concentration (Bq/dry)			Air Dose (µSv/h)	Right bank			Activity concentration [Bq/kg(dry)]				Air Dose (µSv/h)
							Color	Odor	Property	Radioactive cesium				Color	Odor	Property	Radioactive cesium				
										Cs-134	Cs-137	Total					Cs-134	Cs-137	Total		
106	Kyu-yukawa River	Awanoniya Bridge	Yugawa Village	2018/5/28	Sunny	18.9	Dark brown	Faint earth	Loamy	74	740	814	0.12	Dark brown	Faint earth	Loamy	110	950	1,060	0.09	
				2018/6/16	Cloudy	18.6	Dull yellowish brown	Faint earth	Loamy	140	1,300	1,440	0.12	Grayish yellowish brown	None	Loamy	110	950	1,060	0.09	
				2018/8/6	Cloudy	30.3	Dark brown	Faint earth	Loamy	58	590	648	0.11	Blackish brown	None	Loamy	70	800	870	0.09	
				2018/10/28	Cloudy	11.6	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.11	Blackish brown	Faint earth	Loamy	130	1,600	1,730	0.08	
				2018/11/20	Sunny	13.7	Blackish brown	Faint earth	Loamy	120	1,200	1,320	0.11	Blackish brown	Faint earth	Loamy	110	1,100	1,210	0.08	
				2018/12/11	Cloudy	4.2	Dark brown	Faint earth	Loamy	92	1,000	1,092	0.10	Blackish brown	Faint earth	Loamy	84	1,100	1,184	0.09	
	107	Kyu-miyakawa River	Josuke Bridge	Aizubange Town	2018/5/26	Sunny	26.0	Blackish brown	Faint earth	Loamy	68	640	708	0.06	Dark brown	Faint earth	Loamy	85	880	965	0.07
					2018/6/12	Cloudy	21.6	Dark brown	Faint earth	Loamy	70	690	760	0.06	Blackish brown	Faint earth	Loamy	78	820	898	0.07
					2018/8/12	Sunny	32.4	Blackish brown	Faint earth	Loamy	53	570	623	0.06	Blackish brown	Faint earth	Loamy	130	1,300	1,430	0.06
					2018/10/25	Sunny	17.4	Blackish brown	Faint earth	Loamy	79	840	919	0.06	Blackish brown	Faint earth	Loamy	86	860	946	0.07
					2018/11/9	Cloudy	20.4	Blackish brown	Faint earth	Loamy	44	440	484	0.06	Blackish brown	Faint earth	Loamy	63	740	803	0.07
					2018/12/8	Cloudy	4.2	Blackish brown	Faint earth	Loamy	39	500	539	0.07	Blackish brown	Faint earth	Loamy	43	480	523	0.07
108	Tatsuki River	Ohashi	Kitakata City	2018/5/24	Cloudy	21.6	Blackish brown	Faint earth	Loamy	<8.9	72	72	0.06	Blackish brown	Faint earth	Loamy	18	280	298	0.05	
				2018/6/15	Cloudy	19.7	Grayish yellowish brown	None	Loamy	17	210	227	0.07	Blackish brown	Faint earth	Loamy	39	320	359	0.06	
				2018/8/10	Cloudy	27.4	Blackish brown	Faint earth	Loamy	22	210	232	0.06	Blackish brown	Faint earth	Loamy	34	360	394	0.07	
				2018/10/26	Sunny	19.6	Blackish brown	Faint earth	Loamy	9.5	91	100.5	0.06	Blackish brown	Faint earth	Loamy	62	790	852	0.07	
				2018/11/17	Cloudy	10.6	Blackish brown	Faint earth	Loamy	14	160	174	0.05	Blackish brown	Faint earth	Loamy	41	410	451	0.06	
				2018/12/4	Sunny	11.6	Blackish brown	Faint earth	Loamy	<11	75	75	0.06	Blackish brown	Faint earth	Loamy	29	340	369	0.06	
				2018/5/28	Cloudy	26.7	Blackish brown	Faint earth	Loamy	82	780	862	0.07	Blackish brown	Faint earth	Loamy	36	400	436	0.06	
109	Nigori River	Shimokawara Bridge	Kitakata City	2018/6/16	Cloudy	18.4	Blackish brown	Faint earth	Loamy	68	700	768	0.07	Grayish yellowish brown	Faint earth	Loamy	43	450	493	0.07	
				2018/8/12	Sunny	26.7	Blackish brown	Faint earth	Loamy	49	490	539	0.07	Blackish brown	Faint earth	Loamy	63	680	743	0.06	
				2018/10/25	Sunny	11.6	Blackish brown	Faint earth	Loamy	51	570	621	0.07	Blackish brown	Faint earth	Loamy	50	450	500	0.06	
				2018/11/9	Rain	20.7	Blackish brown	None	Loamy	51	510	561	0.06	Dark brown	None	Loamy	33	430	463	0.06	
				2018/12/8	Cloudy	6.4	Blackish brown	Faint earth	Loamy	62	660	722	0.06	Blackish brown	Faint earth	Loamy	37	440	477	0.07	
				2018/5/28	Sunny	24.6	Blackish brown	None	Loamy	140	1,400	1,540	0.08	Grayish yellowish brown	Faint earth	Loamy	46	480	526	0.09	
110	Nigori River	Nigorigawa Bridge	Kitakata City	2018/6/15	Cloudy	19.1	Grayish yellowish brown	Faint earth	Loamy	130	1,200	1,330	0.08	Grayish yellowish brown	Faint earth	Loamy	78	810	888	0.08	
				2018/8/12	Sunny	27.3	Grayish yellowish brown	Faint earth	Loamy	100	1,200	1,300	0.08	Grayish yellowish brown	Faint earth	Loamy	99	1,100	1,199	0.08	
				2018/10/25	Sunny	20.1	Blackish brown	Faint earth	Loamy	48	590	638	0.08	Blackish brown	Faint earth	Loamy	45	430	475	0.07	
				2018/11/9	Cloudy	18.6	Blackish brown	Faint earth	Loamy	46	520	566	0.06	Blackish brown	Faint earth	Loamy	62	690	752	0.07	
				2018/12/4	Sunny	13.2	Blackish brown	Faint earth	Loamy	40	460	500	0.07	Blackish brown	Faint earth	Loamy	50	480	530	0.07	
				2018/5/28	Cloudy	25.4	Blackish brown	Faint earth	Loamy	120	1,300	1,420	0.07	Dark brown	Faint earth	Loamy	59	590	649	0.06	
				2018/6/12	Cloudy	23.9	Blackish brown	Faint earth	Loamy	92	880	972	0.06	Blackish brown	Faint earth	Loamy	68	720	788	0.05	
111	Nigori River	Yamazaki Bridge	Kitakata City	2018/8/27	Rain	23.4	Blackish brown	Faint earth	Loamy	73	810	883	0.06	Dark brown	Faint earth	Loamy	29	340	369	0.06	
				2018/10/25	Sunny	13.3	Blackish brown	Faint earth	Loamy	48	600	648	0.06	Blackish brown	Faint earth	Loamy	53	550	603	0.06	
				2018/11/9	Cloudy	18.1	Blackish brown	Faint earth	Loamy	89	1,100	1,189	0.07	Dark brown	Faint earth	Loamy	45	450	495	0.05	
				2018/12/10	Sunny	3.8	Blackish brown	Faint earth	Loamy	41	450	491	0.06	Blackish brown	Faint earth	Loamy	35	440	475	0.07	
				2018/5/10	Rain	11.3	Blackish brown	Faint earth	Loamy	23	140	163	0.07	Blackish brown	Faint earth	Loamy	27	340	367	0.06	
				2018/6/6	Cloudy	19.8	Grayish yellowish brown	None	Loamy	6.7	54	60.7	0.07	Blackish brown	None	Loamy	110	1,000	1,110	0.09	
112	Inagawa River	Aoyagi Bridge	Minamiaizu Town	2018/8/15	Sunny	31.8	Blackish brown	Faint earth	Loamy	58	680	738	0.07	Blackish brown	Faint earth	Loamy	44	420	464	0.08	
				2018/10/11	Cloudy	18.0	Blackish brown	Faint earth	Loamy	50	550	600	0.07	Blackish brown	Faint earth	Loamy	34	420	454	0.07	
				2018/11/2	Cloudy	12.2	Blackish brown	Faint earth	Loamy	14	160	174	0.07	Blackish brown	Faint earth	Loamy	32	340	372	0.07	
				2018/12/3	Cloudy	2.4	Blackish brown	Faint earth	Loamy	13	160	173	0.07	Blackish brown	Faint earth	Loamy	35	430	465	0.08	
				2018/5/11	Sunny	9.5	Blackish brown	Faint earth	Loamy	9.3	120	129.3	0.06	Blackish brown	Faint earth	Loamy	<11	74	74	0.05	
				2018/6/7	Sunny	28.7	Grayish yellowish brown	Faint earth	Loamy	11	88	99	0.06	Grayish yellowish brown	Faint earth	Loamy	<6.8	49	49	0.05	
				2018/8/17	Sunny	18.4	Blackish brown	Faint earth	Loamy	11	130	141	0.06	Blackish brown	Faint earth	Loamy	<9.2	53	53	0.04	
113	Inagawa River	Kurosawa Bridge	Tadami Town	2018/10/12	Rain	14.1	Blackish brown	Faint earth	Loamy	7.9	75	82.9	0.07	Blackish brown	Faint earth	Loamy	<6.6	31	31	0.06	
				2018/11/3	Cloudy	6.3	Blackish brown	None	Loamy	12	140	152	0.07	Blackish brown	Faint earth	Loamy	<8.9	26	26	0.06	
				2018/12/2	Sunny	7.5	Blackish brown	Faint earth	Loamy	<7.4	64	64	0.06	Blackish brown	Faint earth	Loamy	<9.1	25	25	0.06	

# Fukushima River (Surrounding Environment/Aizu Area)3/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)											Remarks				
No.	Location		Municipality				Left bank			Activity concentration [Bq/dry(g)]				Air Dose (μSv/h)	Right bank				Air Dose (μSv/h)			
	Color	Odor					Property	Radioactive cesium			Color	Odor	Property		Activity concentration [Bq/kg(dry)]							
						Cs-134	Cs-137	Total	Color	Odor	Property	Cs-134	Cs-137	Total								
R i v e r s	114	Tadamri River	Nishitani Bridge	Kaneyama Town	2018/5/11	Sunny	22.3	Blackish brown	Faint earth	Loamy	<6.5	17	17	0.05	Dark brown	Faint earth	Loamy	15	160	175	0.05	
					2018/6/8	Sunny	29.0	Grayish yellowish brown	Faint earth	Loamy	32	250	282	0.05	Blackish brown	Faint earth	Loamy	<5.8	51	51	0.04	
					2018/8/17	Cloudy	23.4	Dull yellowish brown	Faint earth	Loamy	22	200	222	0.05	Blackish brown	Faint earth	Loamy	<7.3	29	29	0.05	
					2018/10/24	Cloudy	14.2	Dull yellowish brown	Faint earth	Loamy	7.6	93	100.6	0.06	Blackish brown	Faint earth	Loamy	<6.8	56	56	0.04	
					2018/11/19	Sunny	10.3	Dull yellowish brown	Faint earth	Loamy	9.6	98	107.6	0.06	Blackish brown	Faint earth	Loamy	5.6	60	65.6	0.05	
					2018/12/6	Cloudy	8.6	Dull yellowish brown	Faint earth	Loamy	<6.8	70	70	0.04	Blackish brown	Faint earth	Loamy	<6.4	62	62	0.04	
	115	Fuji Bridge	Aizubange Town	2018/5/22	Sunny	29.2	Blackish brown	None	Loamy	23	230	253	0.05	Blackish brown	Faint earth	Loamy	26	330	356	0.08		
				2018/6/9	Cloudy	21.9	Dark brown	Faint earth	Loamy	32	240	272	0.05	Blackish brown	None	Loamy	15	180	195	0.06		
				2018/8/11	Sunny	27.3	Grayish yellowish brown	Faint earth	Loamy	32	280	312	0.05	Grayish yellowish brown	Faint earth	Loamy	12	170	182	0.07		
				2018/10/24	Rain	15.2	Blackish brown	None	Loamy	14	140	154	0.06	Blackish brown	Faint earth	Loamy	14	190	204	0.06		
				2018/11/9	Cloudy	17.7	Blackish brown	Faint earth	Loamy	15	170	185	0.06	Blackish brown	Faint earth	Loamy	36	410	446	0.07		
				2018/12/5	Rain	10.7	Blackish brown	Faint earth	Loamy	21	230	251	0.06	Blackish brown	Faint earth	Loamy	23	240	263	0.06		
	116	Agano River	Shingo Dam	Kitakata City	2018/5/26	Sunny	19.5	Blackish brown	Faint earth	Loamy	22	210	232	0.05	Blackish brown	Faint earth	Loamy	24	200	224	0.05	
					2018/6/12	Cloudy	19.8	Dark brown	Faint earth	Loamy	30	270	300	0.05	Dark brown	Faint earth	Loamy	29	270	299	0.06	
					2018/8/11	Sunny	27.7	Blackish brown	Faint earth	Loamy	26	360	386	0.06	Dull yellowish brown	Faint earth	Loamy	34	320	354	0.05	
					2018/10/26	Sunny	11.2	Dark brown	Faint earth	Loamy	27	230	257	0.05	Dark brown	Faint earth	Loamy	43	430	473	0.06	
					2018/11/17	Cloudy	9.7	Dark brown	Faint earth	Loamy	31	380	411	0.05	Dark brown	Faint earth	Loamy	20	190	210	0.06	
					2018/12/5	Rain	9.1	Dark brown	Faint earth	Loamy	25	310	335	0.05	Blackish brown	Faint earth	Loamy	24	300	324	0.06	
	117	Sukawa River	Sukawano	2018/4/26	Cloudy	12.2	Dark brown	Faint earth	Loamy	150	1,400	1,550	0.07	Grayish yellowish brown	Faint earth	Loamy	59	580	639	0.06		
				2018/5/23	Cloudy	20.8	Dark brown	None	Loamy	62	470	532	0.05	Blackish brown	Faint earth	Loamy	56	520	576	0.08		
				2018/6/18	Cloudy	22.7	Grayish yellowish brown	None	Loamy	61	660	721	0.08	Blackish brown	Faint earth	Loamy	79	830	909	0.08		
				2018/7/17	Cloudy	27.2	Dull yellowish brown	Faint earth	Loamy	80	800	880	0.09	Blackish brown	Faint earth	Loamy	46	580	626	0.09		
				2018/8/29	Cloudy	25.5	Dark brown	None	Loamy	64	660	724	0.07	Blackish brown	Faint earth	Loamy	43	400	443	0.07		
				2018/9/12	Cloudy	19.6	Dark brown	Faint earth	Loamy	33	390	423	0.10	Blackish brown	Faint earth	Loamy	54	590	644	0.12		
				2018/10/16	Cloudy	18.5	Dark brown	None	Loamy	28	350	378	0.07	Blackish brown	Faint earth	Loamy	40	500	540	0.07		
				2018/12/5	Cloudy	11.2	Dark brown	Faint earth	Loamy	55	670	725	0.10	Blackish brown	Faint earth	Loamy	48	580	628	0.11		
				2019/1/11	Sunny	4.8	Dark brown	Faint earth	Loamy	26	350	376	0.05	Dark brown	Faint earth	Loamy	57	650	707	0.06		
				2019/2/3	Sunny	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	Unable to collect samples due to snow on the ground
				2018/4/28	Sunny	18.5	Dark brown	Faint earth	Loamy	14	130	144	0.05	Dark brown	Faint earth	Loamy	61	600	661	0.05		
				2018/5/25	Sunny	21.2	Blackish brown	Faint earth	Loamy	28	210	238	0.05	Blackish brown	Faint earth	Loamy	<9.1	110	110	0.04		
				2018/6/12	Cloudy	21.5	Brown	Faint earth	Loamy	23	210	233	0.05	Brown	Faint earth	Loamy	30	330	360	0.05		
				2018/7/13	Sunny	26.7	Dull yellowish brown	Faint earth	Loamy	14	180	194	0.06	Dull yellowish brown	Faint earth	Loamy	36	310	346	0.05		
	2018/8/7	Cloudy	24.1	Dull yellowish brown	Faint earth	Loamy	22	280	302	0.06	Brown	Faint earth	Loamy	32	270	302	0.07					
	2018/9/7	Cloudy	21.7	Dark brown	Faint earth	Loamy	24	260	284	0.06	Dark brown	Faint earth	Loamy	26	310	336	0.08					
	2018/10/7	Cloudy	22.0	Dull yellowish brown	Faint earth	Loamy	18	220	238	0.05	Dull yellowish brown	Faint earth	Loamy	14	150	164	0.04					
	2018/12/2	Sunny	9.3	Dark brown	Faint earth	Loamy	28	340	368	0.05	Dark brown	Faint earth	Loamy	37	420	457	0.05					
	2019/1/11	Cloudy	0.0	Dark brown	Faint earth	Loamy	12	150	162	0.04	-	-	-	-	-	-	-	0.04	(Right bank) Unable to collect samples due to snow on the ground			
	2019/2/3	Sunny	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	Unable to collect samples due to snow on the ground		
	2018/5/9	Rain	8.8	Blackish brown	None	Loamy	30	270	300	0.05	Blackish brown	Faint earth	Loamy	45	380	425	0.06					
	2018/6/12	Rain	20.2	Dull yellowish brown	Faint earth	Loamy	23	220	243	0.05	Dark brown	Faint earth	Loamy	11	87	98	0.05					
2018/8/7	Cloudy	21.4	Brown	Faint earth	Loamy	19	260	279	0.06	Dark brown	Faint earth	Loamy	15	180	195	0.07						
2018/10/7	Cloudy	19.9	Dark brown	Faint earth	Loamy	15	140	155	0.05	Blackish brown	Faint earth	Loamy	48	570	618	0.04						
2018/11/9	Cloudy	18.1	Blackish brown	Faint earth	Loamy	35	350	385	0.06	Blackish brown	Faint earth	Loamy	14	130	144	0.06						
2018/12/2	Sunny	5.9	Blackish brown	Faint earth	Loamy	25	260	285	0.04	Dark brown	Faint earth	Loamy	11	130	141	0.05						
119	Takahashi River	Shinbashi Bridge	2018/5/9	Rain	10.5	Blackish brown	Faint earth	Loamy	62	580	642	0.06	Blackish brown	Faint earth	Loamy	21	200	221	0.05			
			2018/6/12	Sunny	22.8	Dark brown	Faint earth	Loamy	26	250	276	0.06	Dark brown	Faint earth	Loamy	24	230	254	0.05			
			2018/8/7	Cloudy	22.8	Dark brown	Faint earth	Loamy	32	310	342	0.07	Dark brown	Faint earth	Loamy	20	230	250	0.06			
			2018/10/7	Cloudy	21.1	Dark brown	Faint earth	Loamy	15	140	155	0.04	Dark brown	Faint earth	Loamy	18	190	208	0.04			
			2018/11/10	Cloudy	13.3	Blackish brown	Faint earth	Loamy	48	570	618	0.07	Blackish brown	Faint earth	Loamy	27	260	287	0.07			
			2018/12/2	Sunny	8.4	Blackish brown	Faint earth	Loamy	51	610	661	0.04	Blackish brown	Faint earth	Loamy	34	400	434	0.04			
120	Koguro River	Umeno Bridge	2018/5/9	Rain	10.5	Blackish brown	Faint earth	Loamy	62	580	642	0.06	Blackish brown	Faint earth	Loamy	21	200	221	0.05			
			2018/6/12	Sunny	22.8	Dark brown	Faint earth	Loamy	26	250	276	0.06	Dark brown	Faint earth	Loamy	24	230	254	0.05			
			2018/8/7	Cloudy	22.8	Dark brown	Faint earth	Loamy	32	310	342	0.07	Dark brown	Faint earth	Loamy	20	230	250	0.06			
			2018/10/7	Cloudy	21.1	Dark brown	Faint earth	Loamy	15	140	155	0.04	Dark brown	Faint earth	Loamy	18	190	208	0.04			
			2018/11/10	Cloudy	13.3	Blackish brown	Faint earth	Loamy	48	570	618	0.07	Blackish brown	Faint earth	Loamy	27	260	287	0.07			
			2018/12/2	Sunny	8.4	Blackish brown	Faint earth	Loamy	51	610	661	0.04	Blackish brown	Faint earth	Loamy	34	400	434	0.04			

# Fukushima River (Surrounding Environment/Aizu Area) 4/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
No.	Location		Municipality				Left bank						Right bank								
							Color	Odor	Property	Activity concentration [Bq/(kg,dry)]			Air Dose (μSv/h)	Color	Odor	Property	Activity concentration [Bq/(kg,dry)]				Air Dose (μSv/h)
										Radioactive cesium							Radioactive cesium				
			Cs-134	Cs-137	Total	Cs-134	Cs-137	Total				Cs-134	Cs-137	Total							
R i v e r s	121	Hishinuma River	Sekido District	Inawashiro Town	2018/5/9	Cloudy	9.3	Blackish brown	None	Loamy	<7.0	89	89	0.05	Blackish brown	None	Loamy	15	170	185	0.05
					2018/6/12	Rain	18.7	Dark brown	Faint earth	Loamy	11	120	131	0.05	Dark brown	Faint earth	Loamy	23	190	213	0.05
					2018/8/7	Cloudy	21.0	Dull yellowish brown	Faint earth	Loamy	17	170	187	0.06	Dull yellowish brown	Faint earth	Loamy	30	340	370	0.06
					2018/10/7	Cloudy	20.5	Dark brown	Faint earth	Loamy	<6.5	44	44	0.04	Dull yellowish brown	Faint earth	Loamy	7.4	71	78.4	0.05
					2018/11/10	Cloudy	13.1	Dark brown	Faint earth	Loamy	17	160	177	0.06	Dark brown	Faint earth	Loamy	21	260	281	0.06
					2018/12/2	Sunny	8.5	Blackish brown	Faint earth	Loamy	9.4	120	129.4	0.04	Dark brown	Faint earth	Loamy	8.9	110	118.9	0.05
	122	Funatsu River	Funatsu Bridge	Koriyama City	2018/5/31	Sunny	18.2	Dark brown	Faint earth	Loamy	18	190	208	0.05	Blackish brown	None	Loamy	10	160	170	0.04
					2018/6/13	Sunny	16.7	Blackish brown	Faint earth	Loamy	27	200	227	0.06	Blackish brown	Faint earth	Loamy	19	210	229	0.05
					2018/8/9	Rain	23.1	Dark brown	Faint earth	Loamy	18	240	258	0.06	Blackish brown	Faint earth	Loamy	19	200	219	0.07
					2018/10/8	Sunny	18.8	Blackish brown	Faint earth	Loamy	17	200	217	0.04	Blackish brown	Faint earth	Loamy	7.9	99	106.9	0.05
					2018/11/9	Rain	16.5	Blackish brown	Faint earth	Loamy	20	220	240	0.06	Blackish brown	Faint earth	Loamy	22	210	232	0.06
					2018/12/1	Rain	5.8	Blackish brown	Faint earth	Loamy	20	230	250	0.06	Blackish brown	Faint earth	Loamy	26	300	326	0.06
123	Haragawa River	Estuary, front	Aizuwakamatsu City	2018/5/31	Cloudy	17.6	Blackish brown	Faint earth	Loamy	12	110	122	0.04	Blackish brown	None	Loamy	17	150	167	0.04	
				2018/6/13	Cloudy	16.2	Dark brown	Faint earth	Loamy	24	220	244	0.04	Dark brown	Faint earth	Loamy	15	110	125	0.04	
				2018/8/8	Cloudy	24.5	Dull yellowish brown	Faint earth	Loamy	13	190	203	0.05	Dull yellowish brown	Faint earth	Loamy	31	310	341	0.05	
				2018/10/7	Cloudy	20.3	Blackish brown	Faint earth	Loamy	12	120	132	0.04	Dark brown	Faint earth	Loamy	<9.3	77	77	0.04	
				2018/11/9	Cloudy	16.8	Blackish brown	Faint earth	Loamy	11	150	161	0.04	Blackish brown	Faint earth	Loamy	46	430	476	0.05	
				2018/12/2	Sunny	3.3	Blackish brown	Faint earth	Loamy	<9.0	78	78	0.05	Blackish brown	Faint earth	Loamy	9.3	97	106.3	0.04	











# Fukushima Lakes and Reservoirs (Water/Aizu Area) 5/8

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Remarks			
	Location	Municipality						General items				Activity concentration (Bq/L)						
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)		Turbidity (FNU)	Radioactive cesium	
193	Offshore of Funatsu River Estuary	Koriyama City	Surface layer	2018/5/27	Sunny	14.7	3.5	12.8	0.5	Dark grayish green	None	>3.5	12.0	<1	1.2	<0.54	<0.80	
			Deep layer				12.2	2.5	-	None			12.2	<1	0.9	<0.63	<0.75	
			Surface layer	2018/6/21	Cloudy	16.1	3.5	15.4	0.5	Dark grayish bluish green	None	>3.5	11.9	2	1.6	<0.62	<0.75	
			Deep layer				15.4	2.5	-	None			12.0	<1	0.4	<0.49	<0.88	
			Surface layer	2018/8/8	Cloudy	24.7	2.4	25.3	0.5	Dark grayish green	None	>2.4	12.3	<1	0.4	<0.77	<0.70	
			Deep layer				25.4	1.4	-	None			12.6	<1	0.4	<0.81	<0.85	
	194	Seishogahama Beach	Koriyama City	Surface layer	2018/10/8	Cloudy	18.0	3.3	18.2	0.5	Dark grayish green	None	>3.3	12.1	<1	0.4	<0.87	<0.88
				Deep layer				18.1	2.3	-	None			12.2	<1	0.4	<0.73	<0.80
				Surface layer	2018/11/5	Cloudy	13.4	2.8	14.5	0.5	Dark grayish yellowish green	None	>2.8	12.2	<1	0.5	<0.81	<0.63
				Deep layer				14.4	1.8	-	None			12.2	<1	0.4	<0.69	<0.69
				Surface layer	2018/12/3	Cloudy	5.2	2.7	10.2	0.5	Dark grayish green	None	>2.7	12.3	<1	0.6	<0.84	<0.80
				Deep layer				10.1	1.7	-	None			12.4	<1	0.3	<0.55	<0.80
195		Lake Inawashiro	Aizuwakamatsu City	Surface layer	2018/5/27	Sunny	14.1	6.8	12.4	0.5	Dark grayish green	None	>6.8	12.1	<1	0.7	<0.76	<0.80
				Deep layer				11.6	5.8	-	None			12.2	<1	0.7	<0.70	<0.69
				Surface layer	2018/6/21	Cloudy	16.0	6.0	15.5	0.5	Dark grayish bluish green	None	>6.0	11.9	2	2.7	<0.57	<0.66
				Deep layer				15.5	5.0	-	None			12.1	<1	0.4	<0.67	<0.55
				Surface layer	2018/8/8	Cloudy	19.1	6.0	24.7	0.5	Dark grayish bluish green	None	>6.0	12.3	<1	0.6	<0.51	<0.84
				Deep layer				24.7	5.0	-	None			12.7	<1	0.4	<0.58	<0.75
	196	Haragawa River Estuary	Aizuwakamatsu City	Surface layer	2018/10/8	Sunny	17.7	5.3	18.4	0.5	Dark grayish green	None	>5.3	12.1	<1	0.4	<0.61	<0.69
				Deep layer				18.4	4.3	-	None			12.2	<1	0.3	<0.63	<0.84
				Surface layer	2018/11/5	Sunny	13.0	5.8	14.4	0.5	Dark grayish green	None	>5.8	12.2	<1	0.4	<0.90	<0.75
				Deep layer				14.4	4.8	-	None			12.3	<1	0.4	<0.84	<0.75
				Surface layer	2018/12/3	Cloudy	3.9	5.8	10.7	0.5	Dark grayish bluish green	None	>5.8	12.3	<1	0.4	<0.67	<0.87
				Deep layer				10.6	4.8	-	None			12.5	<1	0.3	<0.63	<0.80
195		Haragawa River Estuary	Aizuwakamatsu City	Surface layer	2018/5/27	Cloudy	20.4	18.5	12.5	0.5	Dark grayish blue green	None	6.5	12.0	<1	0.7	<0.76	<0.80
				Deep layer				10.6	17.5	-	None			12.0	<1	0.8	<0.54	<0.75
				Surface layer	2018/6/21	Cloudy	17.8	18.0	17.0	0.5	Dark grayish blue green	None	11.2	12.1	<1	0.9	<0.67	<0.63
				Deep layer				13.2	17.0	-	None			12.0	<1	0.3	<0.52	<0.69
				Surface layer	2018/8/8	Cloudy	20.8	19.5	24.6	0.5	Dark grayish blue green	None	10.9	12.3	<1	0.4	<0.73	<0.80
				Deep layer				14.5	18.5	-	None			12.9	<1	0.6	<0.68	<0.80
	196	Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2018/10/8	Sunny	19.8	16.7	18.8	0.5	Dark grayish blue green	None	11.8	12.1	<1	0.5	<0.60	<0.69
				Deep layer				18.6	15.7	-	None			12.2	<1	0.3	<0.70	<0.75
				Surface layer	2018/11/5	Sunny	15.2	16.3	15.4	0.5	Dark grayish blue green	None	14.2	12.2	<1	0.5	<0.72	<0.69
				Deep layer				14.7	15.3	-	None			12.3	<1	0.3	<0.63	<0.75
				Surface layer	2018/12/3	Cloudy	7.7	17.3	10.8	0.5	Dark grayish blue green	None	15.1	12.2	<1	0.4	<0.84	<0.75
				Deep layer				9.5	16.3	-	None			12.1	<1	0.5	<0.84	<0.80
196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2018/5/27	Sunny	20.7	5.4	12.6	0.5	Dark grayish bluish green	None	>5.4	12.3	<1	0.6	<0.92	<0.84
				Deep layer				12.0	4.4	-	None			12.2	<1	0.5	<0.57	<0.80
				Surface layer	2018/6/21	Cloudy	17.0	4.8	17.7	0.5	Dark grayish bluish green	None	>4.8	12.7	<1	0.6	<0.77	<0.84
				Deep layer				16.5	3.8	-	None			12.1	<1	0.3	<0.92	<0.80
				Surface layer	2018/7/12	Sunny	22.9	4.8	22.5	0.5	Dark grayish green	None	>4.8	12.1	<1	0.6	<0.68	<0.69
				Deep layer				22.3	3.8	-	None			12.2	<1	0.4	<0.60	<0.80
	196	Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2018/8/8	Cloudy	21.8	4.5	24.3	0.5	Dark grayish green	None	>4.5	12.7	1	0.7	<0.80	<0.80
				Deep layer				24.3	3.5	-	None			12.3	1	0.7	<0.60	<0.84
				Surface layer	2018/9/5	Cloudy	22.9	4.6	23.8	0.5	Dark grayish yellowish green	None	>4.6	12.2	2	1.3	<0.80	<0.88
				Deep layer				23.7	3.6	-	None			12.2	2	1.0	<0.72	<0.88
				Surface layer	2018/10/8	Sunny	19.3	4.5	18.5	0.5	Dark grayish green	None	>4.5	12.2	<1	0.3	<0.65	<0.69
				Deep layer				17.6	3.5	-	None			12.2	<1	0.4	<0.83	<0.84
196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2018/11/5	Sunny	16.5	4.6	15.8	0.5	Dark grayish green	None	>4.6	12.3	<1	0.4	<0.70	<0.88
				Deep layer				15.0	3.6	-	None			12.2	<1	1.0	<0.69	<0.69
				Surface layer	2018/12/3	Cloudy	7.8	4.6	10.0	0.5	Dark grayish bluish green	None	>4.6	12.2	<1	0.4	<0.89	<0.69
				Deep layer				9.9	3.6	-	None			12.3	<1	0.4	<0.48	<0.80
				Surface layer	2019/1/12	Sunny	1.0	4.8	4.9	0.5	Dark grayish bluish green	None	>4.8	12.2	<1	0.3	<0.79	<0.55
				Deep layer				4.8	3.8	-	None			12.2	<1	0.4	<0.69	<0.75
	196	Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	Surface layer	2019/2/5	Sunny	2.8	4.8	4.1	0.5	Dark grayish yellowish green	None	>4.8	12.3	<1	0.3	<0.66	<0.88
				Deep layer				4.2	3.8	-	None			12.5	<1	0.3	<0.59	<0.80

# Fukushima Lakes and Reservoirs (Water/Aizu Area) 6/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water								Remarks			
No.	Location	Municipality	General items					Activity concentration (Bq/L)											
			Water temperature (°C)					Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
L a k e s  a n d  R e s e r v o i r s	197	Higashiyama Dam Reservoir	Aizwakamatsu City	Surface layer	2018/5/18	Cloudy	28.5	14.5	20.1	0.5	Dark grayish yellow green	None	3.8	4.5	<1	1.2	<0.65	<0.84	
				Deep layer					8.5	13.5	-	None			4.7	<1	0.9	<0.63	<0.88
				Surface layer	2018/6/13	Cloudy	16.5	11.6	18.2	0.5	Dark grayish yellow green	None	5.9	4.9	1	1.3	<0.62	<0.70	
				Deep layer					8.8	10.6	-	None			4.7	<1	0.9	<0.52	<0.84
				Surface layer	2018/8/6	Cloudy	24.6	6.8	25.7	0.5	Dark grayish yellow green	None	2.4	5.7	1	1.9	<0.55	<0.61	
				Deep layer					11.1	5.8	-	None			5.0	3	2.3	<0.69	<0.74
				Surface layer	2018/10/18	Sunny	16.2	11.6	15.8	0.5	Dark grayish yellow green	None	2.8	4.5	1	1.6	<0.72	<0.88	
				Deep layer					14.0	10.6	-	None			4.7	2	2.1	<0.82	<0.47
				Surface layer	2018/11/8	Sunny	15.3	10.9	12.6	0.5	Dark grayish yellow green	None	3.9	4.9	1	1.4	<0.78	<0.75	
				Deep layer					11.9	9.9	-	None			5.0	3	2.4	<0.84	<0.88
				Surface layer	2018/12/10	Sunny	0.9	7.2	6.0	0.5	Dark grayish yellow green	None	2.4	6.0	2	2.0	<0.56	<0.84	
				Deep layer					6.2	-	-	None			5.1	2	1.9	<0.75	<0.84
	198	Center	Center	Surface layer	2018/5/12	Cloudy	12.5	92.4	13.2	0.5	Dark grayish yellowish green	None	4.2	4.9	<1	1.0	<0.61	<0.69	
				Deep layer					5.9	91.4	-	None		6.0	<1	0.8	<0.74	<0.80	
				Surface layer	2018/6/14	Sunny	15.1	92.4	20.1	0.5	Dark grayish green	None	8.2	5.1	<1	0.4	<0.82	<0.75	
				Deep layer					6.4	91.4	-	None		5.9	<1	0.4	<0.78	<0.61	
				Surface layer	2018/8/25	Cloudy	23.8	92.3	26.1	0.5	Dark grayish yellowish green	None	10.5	8.8	<1	0.3	<0.84	<0.69	
				Deep layer					6.8	91.3	-	None		7.2	<1	0.3	<0.61	<0.69	
				Surface layer	2018/10/23	Cloudy	9.9	92.8	17.8	0.5	Dark grayish yellow green	None	11.4	5.1	<1	0.6	<0.80	<0.75	
				Deep layer					5.9	91.8	-	None		6.1	<1	0.6	<0.72	<0.84	
				Surface layer	2018/11/7	Sunny	12.8	91.8	15.5	0.5	Dark grayish yellowish green	None	11.4	5.2	<1	0.6	<0.63	<0.80	
				Deep layer					5.6	90.8	-	None		6.0	<1	0.5	<0.87	<0.84	
				Surface layer	2018/12/6	Cloudy	6.3	91.5	11.9	0.5	Dark grayish yellow green	None	8.4	5.3	<1	0.6	<0.78	<0.87	
				Deep layer					5.3	90.5	-	None		6.1	<1	0.5	<0.60	<0.63	
199	Lake Numazawa	Midpoint between the center of the lake and off the estuary (at the depth of 30 m)	Kaneyama Town	Surface layer	2018/5/12	Sunny	13.4	30.0	14.2	0.5	Dark grayish green	None	4.7	5.0	<1	1.2	<0.59	<0.55	
				Deep layer					8.7	29.0	-	None		5.2	11	4.3	<0.64	<0.55	
				Surface layer	2018/6/14	Sunny	18.6	30.0	20.6	0.5	Dark grayish bluish green	None	7.6	5.0	<1	0.5	<0.87	<0.80	
				Deep layer					9.4	29.0	-	None		5.3	<1	0.9	<0.71	<0.61	
				Surface layer	2018/8/25	Cloudy	27.7	30.0	26.4	0.5	Dark grayish green	None	10.0	11.1	<1	0.3	<0.77	<0.75	
				Deep layer					20.8	29.0	-	None		6.0	<1	0.4	<0.68	<0.63	
				Surface layer	2018/10/23	Sunny	8.4	30.0	18.1	0.5	Dark grayish yellow green	None	10.4	5.1	<1	0.4	<0.82	<0.84	
				Deep layer					13.2	29.0	-	None		5.6	1	0.7	<0.70	<0.75	
				Surface layer	2018/11/7	Cloudy	12.8	30.0	15.9	0.5	Dark grayish yellow green	None	11.2	5.3	<1	0.4	<0.48	<0.84	
				Deep layer					15.0	29.0	-	None		5.5	<1	0.7	<0.76	<0.75	
				Surface layer	2018/12/6	Sunny	5.2	30.0	12.0	0.5	Dark grayish yellow green	None	8.8	5.3	<1	0.5	<0.84	<0.75	
				Deep layer					11.9	29.0	-	None		5.3	<1	0.7	<0.80	<0.63	
200	Offshore of Maenosawa River Estuary	Offshore of Maenosawa River Estuary	Surface layer	2018/5/12	Sunny	14.5	5.8	14.6	0.5	Dark grayish green	None	4.9	5.1	<1	1.1	<0.73	<0.80		
			Deep layer					13.6	4.8	-	None		5.1	<1	1.2	<0.86	<0.63		
			Surface layer	2018/6/14	Sunny	19.6	10.7	21.1	0.5	Grayish bluish green	None	7.8	4.9	<1	0.6	<0.72	<0.75		
			Deep layer					13.5	9.7	-	None		5.0	<1	0.8	<0.59	<0.75		
			Surface layer	2018/8/25	Rain	24.4	21.8	26.5	0.5	Dark grayish yellowish green	None	9.2	5.0	<1	0.6	<0.87	<0.92		
			Deep layer					14.1	20.8	-	None		6.9	<1	0.3	<0.63	<0.80		
			Surface layer	2018/10/23	Sunny	10.3	10.1	17.6	0.5	Dark grayish yellow green	None	>10.1	5.2	<1	0.5	<0.72	<0.84		
			Deep layer					17.6	9.1	-	None		5.2	<1	0.3	<0.74	<0.75		
			Surface layer	2018/11/7	Cloudy	12.9	16.8	15.9	0.5	Dark grayish yellow green	None	9.3	5.2	<1	0.6	<0.73	<0.69		
			Deep layer					15.8	15.8	-	None		5.3	<1	0.4	<0.68	<0.84		
			Surface layer	2018/12/6	Cloudy	6.0	16.9	12.1	0.5	Dark grayish yellowish green	None	9.5	5.3	<1	0.8	<0.68	<0.84		
			Deep layer					12.1	15.9	-	None		5.4	<1	0.4	<0.76	<0.69		



# Fukushima Lakes and Reservoirs (Water/Aizu Area) 8/8

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water								Remarks			
	Location	Municipality					General items				Activity concentration(Bq/L)							
							Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)		Radioactive cesium		
L a k e s  a n d  R e s e r v o i r s	206	Okutadami Reservoir	Hinoemata Village	Surface layer	2018/6/8	Sunny	18.4	21.1	18.3	0.5	Dark grayish yellow green	None	6.4	2.9	<1	0.5	<0.64	<0.75
				Deep layer					10.1	20.1	-	None		2.6	<1	0.5	<0.64	<0.80
				Surface layer	2018/7/15	Sunny	23.7	18.7	24.5	0.5	Dark grayish yellowish green	None	6.8	3.3	<1	0.5	<0.63	<0.69
				Deep layer					14.1	17.7	-	None		3.0	<1	0.8	<0.70	<0.84
				Surface layer	2018/8/17	Cloudy	16.6	15.4	23.6	0.5	Dark grayish yellow green	None	6.0	3.8	1	1.3	<0.66	<0.54
				Deep layer					18.4	14.4	-	None		3.9	4	1.9	<0.75	<0.70
				Surface layer	2018/9/8	Rain	17.8	16.7	22.8	0.5	Dark grayish yellow green	None	2.0	4.0	<1	0.8	<0.64	<0.69
				Deep layer					20.8	15.7	-	None		3.8	<1	0.5	<0.62	<0.80
				Surface layer	2018/10/13	Sunny	9.9	16.8	17.8	0.5	Dark grayish yellow green	None	5.2	4.0	<1	0.5	<0.61	<0.66
				Deep layer					16.3	15.8	-	None		4.7	<1	0.4	<0.66	<0.66
	Surface layer	2018/11/1	Rain	4.1	15.9	14.5	0.5	Dark grayish yellow green	None	5.3	4.1	<1	0.5	<0.86	<0.63			
	Deep layer					14.2	14.9	-	None		3.9	<1	0.4	<0.68	<0.93			
	Surface layer	2018/6/15	Cloudy	16.0	7.8	16.3	0.5	Dark grayish greenish yellow	None	3.2	3.6	1	1.2	<0.80	<0.63			
	Deep layer					14.1	6.8	-	None		3.8	2	1.7	<0.83	<0.75			
	Surface layer	2018/7/9	Sunny	23.1	7.8	19.9	0.5	Dark grayish greenish yellow	None	2.3	3.7	1	1.4	<0.65	<0.88			
	Deep layer					19.1	6.8	-	None		3.8	2	2.5	<0.80	<0.75			
	Surface layer	2018/8/10	Cloudy	21.4	7.2	22.8	0.5	Dark grayish greenish yellow	None	2.3	3.9	2	1.4	<0.73	<0.66			
	Deep layer					20.6	6.2	-	None		4.1	2	2.1	<0.55	<0.71			
	Surface layer	2018/9/14	Sunny	21.2	7.7	18.8	0.5	Dark grayish greenish yellow	None	2.7	3.9	<1	0.9	<0.82	<0.55			
	Deep layer					18.0	6.7	-	None		3.9	2	1.6	<0.66	<0.88			
Surface layer	2018/9/25	Rain	12.4	9.0	16.8	0.5	Dark grayish greenish yellow	None	2.3	4.0	1	1.8	<0.51	<0.84				
Deep layer					16.4	8.0	-	None		4.1	18	7.0	<0.81	<0.84				
Surface layer	2018/10/12	Rain	8.1	9.6	14.7	0.5	Dark grayish greenish yellow	None	1.8	3.8	2	2.2	<0.87	<0.63				
Deep layer					14.5	8.6	-	None		3.8	7	3.4	<0.70	<0.75				







# Fukushima Lakes and Reservoirs (Sediment/Aizu Area) 3/4

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment														Activity concentration [Bq/kg (dry)]			Remarks
	No.	Location					Municipality	Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution(%)							Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium		
			Coarse gravel	Medium gravel	Fine gravel	Coarse sand						Medium sand	Fine sand	Silt	Clay	Cs134	Cs137	Ts132						
193	Offshore of Funatsu River Estuary	Koriyama City	2018/5/27	Sunny	14.7	3.5	11.7	5	Blackish brown	Faint sewage	0.0	3.3	2.3	3.4	65.2	20.1	2.5	3.2	74.8	2.777	Sand/silt	<5.7	23	23
			2018/6/21	Cloudy	16.1	3.5	15.5	5	Dark olive brown	Faint swamp	0.0	2.3	2.2	4.6	74.3	13.8	1.0	1.8	74.2	2.761	Sand	<4.8	25	25
			2018/8/8	Cloudy	24.7	2.4	25.2	5	Grayish yellowish brown	None	0.0	0.6	0.8	11.0	34.2	38.0	11.1	4.3	75.0	2.722	Sand	<5.7	20	20
			2018/10/8	Cloudy	18.0	3.3	17.8	5	Dark grayish yellow	None	0.0	6.1	2.5	2.3	66.3	19.2	0.5	3.0	73.2	2.784	Sand/gravel	<5.2	28	28
			2018/11/5	Cloudy	13.4	2.8	14.1	5	Grayish yellowish brown	None	0.0	1.5	2.6	5.7	76.3	10.8	0.3	2.8	71.6	2.728	Sand	<6.2	13	13
			2018/12/3	Cloudy	5.2	2.7	9.6	5	Grayish yellowish brown	None	0.0	2.2	1.7	3.0	72.4	17.9	0.1	2.8	73.4	2.785	Sand/gravel	<5.5	19	19
194	Seishogahama Beach	Aizuwakamatsu City	2018/5/27	Sunny	14.1	6.8	10.8	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.4	2.2	41.2	36.7	19.6	42.5	2.508	Sand/gravel	24	330	354
			2018/6/21	Cloudy	16.0	6.0	15.1	5	Black	Faint sewage	0.0	0.3	1.5	3.4	48.7	36.5	8.4	4.5	61.1	2.594	Sand/silt	27	320	347
			2018/8/8	Cloudy	19.1	6.0	23.7	5	Blackish brown	Faint sewage	0.0	0.2	0.0	0.3	2.2	38.6	48.7	10.0	39.9	2.493	Sand/silt	29	400	429
			2018/10/8	Sunny	17.3	5.2	17.6	5	Blackish brown	Faint sewage	0.0	0.4	3.5	8.7	59.5	18.2	7.7	3.9	63.7	2.619	Sand/silt	13	170	183
			2018/11/5	Sunny	13.0	5.8	14.2	5	Olive black	Faint sewage	0.0	0.5	2.7	4.8	49.5	29.9	7.5	5.2	53.1	2.608	Sand/silt	29	380	409
			2018/12/3	Cloudy	3.9	5.8	10.7	5	Olive black	Faint sewage	0.0	0.6	0.0	0.3	6.2	57.3	22.3	13.9	40.5	2.568	Sand/silt	34	330	364
195	Hangawa River Estuary	Aizuwakamatsu City	2018/5/27	Cloudy	20.4	18.5	12.0	5	Olive black	Faint sewage	0.0	0.2	1.0	1.6	32.3	48.4	9.1	7.4	64.3	2.689	Sand/silt	8.9	66	74.9
			2018/6/21	Cloudy	17.8	18.0	13.8	5	Olive black	Faint sewage	0.0	0.1	0.4	1.7	35.7	45.9	11.0	5.3	56.3	2.637	Sand/silt	<7.8	83	83
			2018/8/8	Cloudy	20.8	19.5	16.1	5	Olive black	Faint sewage	0.0	0.4	0.2	0.8	27.1	52.2	13.2	6.0	52.8	2.636	Sand/silt	<9.1	82	82
			2018/10/8	Sunny	19.8	16.7	17.5	5	Olive black	Faint sewage	0.0	1.2	1.0	1.6	21.6	46.7	19.4	8.5	41.0	2.620	Sand/silt	30	290	320
			2018/11/5	Sunny	15.2	16.3	14.4	5	Olive black	Faint sewage	0.0	0.7	1.2	2.2	36.2	49.5	4.9	5.3	66.5	2.700	Sand/silt	<7.2	47	47
			2018/12/3	Cloudy	7.7	17.3	10.1	5	Olive black	Faint sewage	0.0	0.0	0.0	0.2	13.8	50.9	22.4	12.7	34.9	2.591	Sand/silt	30	340	370
196	Koishigahama Floodgate	Inawashiro Town Aizuwakamatsu City	2018/5/27	Sunny	20.7	5.4	10.6	5	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.4	10.8	71.8	16.9	30.9	2.477	Silt/sand	<19	160	160
			2018/6/21	Cloudy	17.0	4.8	16.2	5	Blackish brown	None	0.0	0.0	0.1	0.1	1.0	17.6	68.0	13.1	36.8	2.523	Silt/sand	18	160	178
			2018/7/12	Sunny	22.9	4.8	20.1	7	Blackish brown	Faint hydrogen sulfide	0.0	0.2	0.1	0.2	0.7	17.9	66.7	14.4	33.5	2.577	Silt/sand	21	220	241
			2018/8/8	Cloudy	21.8	4.5	23.0	7	Blackish brown	Faint sewage	0.0	0.0	0.0	0.1	0.9	19.4	71.6	8.0	29.3	2.478	Silt/sand	<18	150	150
			2018/9/5	Cloudy	22.9	4.6	23.2	7	Blackish brown	Faint sewage	0.0	0.0	0.0	0.1	0.3	18.8	65.9	15.0	33.8	2.540	Silt/sand	19	160	179
			2018/10/8	Sunny	19.3	4.5	17.3	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.1	0.5	15.2	69.3	15.0	29.6	2.518	Silt/sand	29	310	339
197	Higashiyama Dam Reservoir	Aizuwakamatsu City	2018/11/5	Sunny	16.5	4.6	15.2	7	Blackish brown	None	0.0	0.0	0.0	0.1	0.8	19.2	67.8	12.1	30.3	2.555	Silt/sand	<19	280	280
			2018/12/3	Cloudy	7.8	4.6	10.3	7	Blackish brown	Faint sewage	0.0	0.1	0.1	0.2	1.7	21.5	63.2	13.3	32.1	2.552	Silt/sand	<18	190	190
			2019/1/12	Sunny	1.0	4.8	5.6	8	Blackish brown	Faint sewage	0.0	0.0	0.0	0.1	0.4	15.6	67.1	16.8	32.7	2.549	Silt	<20	95	95
			2019/2/5	Sunny	2.8	4.8	4.4	6	Brownish gray	None	0.0	0.0	0.0	0.1	0.9	24.5	62.2	12.4	33.5	2.514	Silt/sand	19	240	259
			2018/5/18	Cloudy	28.3	14.5	5.1	5	Blackish brown	None	0.0	0.0	0.0	0.2	0.8	3.4	48.7	46.0	21.3	2.351	Silt	170	1,600	1,770
			2018/6/13	Cloudy	16.5	11.5	8.0	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.4	1.5	52.7	45.4	22.3	2.346	Silt	84	900	984
198	Center	Kanyama Town	2018/8/6	Cloudy	24.6	6.8	9.8	5	Blackish brown	None	0.0	0.0	0.0	0.2	0.4	1.2	53.5	44.8	21.7	2.385	Silt	70	700	770
			2018/10/18	Sunny	16.2	11.4	7.3	5	Blackish brown	Faint sewage	0.0	0.0	0.2	2.0	2.1	5.5	45.8	44.3	24.9	2.426	Silt	130	1,400	1,530
			2018/11/8	Sunny	15.3	10.9	8.8	5	Blackish brown	Faint sewage	0.0	1.4	0.8	0.6	1.0	1.6	44.2	50.5	23.9	2.428	Silt	89	1,100	1,188
			2018/12/10	Sunny	0.9	7.2	5.8	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.1	0.6	2.6	42.9	53.8	25.1	2.374	Silt	120	1,100	1,220
			2018/5/12	Cloudy	12.5	92.4	5.2	5	Black	Faint swamp	0.0	0.0	0.0	0.0	0.0	0.6	55.9	43.4	17.6	2.519	Silt	<41	200	200
			2018/6/14	Sunny	15.1	92.4	6.0	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.5	58.5	40.9	18.5	2.555	Silt	35	510	545
199	Midpoint between the center of the lake and of the estuary (at the depth of 30 m)	Kanyama Town	2018/8/25	Cloudy	23.8	92.3	5.6	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.4	58.3	41.3	19.2	2.534	Silt	<32	100	100
			2018/10/23	Cloudy	9.9	92.8	5.7	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.4	50.9	48.6	16.9	2.476	Silt	79	810	889
			2018/11/7	Sunny	12.8	91.8	4.9	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.5	52.2	47.2	18.4	2.571	Silt	<31	93	93
			2018/12/6	Cloudy	6.3	91.5	4.7	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	2.5	4.9	2.9	53.7	36.1	18.0	2.568	Silt	<36	250	250
			2018/5/12	Sunny	13.4	30.0	7.2	5	Olive black	None	0.0	6.7	2.5	2.5	3.1	13.4	50.2	21.6	31.6	2.544	Silt	<17	170	170
			2018/6/14	Sunny	18.6	30.0	10.1	5	Olive black	None	0.0	0.0	0.0	0.4	0.9	16.4	62.1	20.2	37.1	2.573	Silt	<13	120	120
200	Offshore of Maenosawa River Estuary	Kanyama Town	2018/6/25	Cloudy	27.7	30.0	12.3	5	Olive black	Faint swamp	0.0	0.0	0.4	0.8	15.1	57.8	25.5	34.6	2.558	Silt	<15	91	91	
			2018/10/23	Sunny	8.4	30.0	11.9	5	Olive black	Faint swamp	0.0	0.0	0.0	0.2	0.4	6.5	49.7	43.5	26.5	2.504	Silt	48	580	628
			2018/11/7	Cloudy	12.8	30.0	15.2	5	Dull yellowish brown	None	0.0	2.4	1.0	0.8	1.1	9.8	61.0	23.9	26.8	2.516	Silt/sand	55	540	595
			2018/12/6	Sunny	5.2	30.0	11.8	5	Olive black	Faint hydrogen sulfide	0.0	0.2	1.0	1.2	1.7	22.3	51.4	22.2	36.8	2.584	Silt	<17	140	140
			2018/5/12	Sunny	14.5	5.8	14.2	3	Olive black	Faint swamp	3.5	22.8	6.4	9.2	28.0	21.8	5.2	3.0	64.1	2.630	Gravel/sand/silt	<5.3	43	43
			2018/6/14	Sunny	19.6	10.7	14.4	3	Dark brown	Faint sewage	0.0	5.1	13.6	16.8	33.4	24.3	5.1	1.6	68.0	2.635	Sand/gravel	<6.6	53	53

# Fukushima Lakes and Reservoirs (Sediment/Aizu Area) 4/4

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																Activity concentration [Bq/kg dry]			Remarks	
No.	Location		Municipality					Sediment temperature (°C)	Sample length (cm)	Color	Odor	General items										Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium			
	Grain size distribution(%)											Activity concentration [Bq/kg dry]																
	Coarse gravel	Medium gravel										Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Cs134	Cs137	Total								
L a k e s a n d R e s e r v o i r s	201	Aizu (farm pond)	Tenri	Aizumisato Town	2018/5/19	Sunny	17.0	0.8	20.1	3	Blackish brown	Faint sewage	0.0	33.0	14.2	9.3	21.0	8.1	5.5	8.9	60.1	2.578	Gravel/sand/silt	100	1,000	1,100		
					2018/6/5	Cloudy	28.7	0.8	23.5	3	Blackish brown	Faint swamp	4.5	38.3	6.5	3.7	18.1	11.0	9.5	8.4	48.9	2.582	Silt/sand	35	330	365		
					2018/8/7	Cloudy	23.3	0.8	23.9	3	Olive black	Faint swamp	0.0	14.3	15.0	16.0	33.2	9.4	8.5	3.6	50.2	2.682	Sand/gravel/silt	23	270	293		
					2018/10/10	Cloudy	24.7	0.6	23.5	3	Dull yellowish brown	None	0.0	19.7	10.4	10.1	22.0	11.7	21.1	5.1	59.7	2.623	Silt/gravel/sand	8.2	78	86.2		
	202	Okawa Dam Reservoir		Aizuwakamatsu City	2018/11/3	Sunny	12.6	0.8	13.8	3	Blackish brown	Faint swamp	0.0	18.6	12.5	9.9	29.0	10.9	11.0	8.1	38.3	2.642	Silt/sand	110	1,300	1,410		
					2018/12/7	Rain	10.8	0.6	7.6	3	Grayish olive	Faint sewage	0.0	25.9	8.2	7.4	19.3	11.8	17.4	10.1	42.4	2.621	Silt/sand/gravel	130	1,400	1,530		
					2018/5/21	Sunny	16.6	16.2	13.5	5	Olive black	None	0.0	0.0	0.0	0.1	1.1	63.9	34.8	36.1	2.511	Silt	<15	35	35			
					2018/6/5	Sunny	21.4	13.7	13.1	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.9	67.5	31.5	41.7	2.505	Silt	<10	47	47		
					2018/8/10	Cloudy	30.9	22.9	22.9	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	1.5	70.6	27.9	40.4	2.527	Silt	<15	55	55		
					2018/10/10	Sunny	23.0	5.8	17.2	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.0	2.2	70.3	27.9	40.4	2.471	Silt	<13	71	71		
					2018/11/20	Sunny	8.7	5.8	12.1	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.3	67.4	31.1	39.1	2.540	Silt	<14	64	64		
					2018/12/7	Cloudy	9.7	8.1	10.0	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	2.8	73.5	23.7	40.4	2.551	Silt	<14	45	45		
203	Tagokura Reservoir		Tadami Town	2018/5/22	Sunny	18.2	96.7	4.9	5	Olive black	Faint swamp	0.0	0.0	0.0	0.0	0.1	0.1	23.0	76.8	32.2	2.673	Silt	27	240	267			
				2018/6/7	Sunny	20.3	96.1	8.7	5	Olive black	None	0.0	0.0	0.0	0.0	0.0	0.1	23.0	76.8	29.9	2.633	Silt	30	270	300			
				2018/8/16	Sunny	28.2	89.9	12.8	5	Grayish olive	None	0.0	0.0	0.0	0.0	0.1	0.1	19.7	80.1	32.7	2.640	Silt	24	300	324			
				2018/10/13	Sunny	14.9	99.6	5.8	5	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.2	0.1	0.1	21.2	78.4	35.7	2.560	Silt	22	220	242			
				2018/11/1	Cloudy	7.9	103.0	5.4	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	19.8	80.0	32.0	2.694	Silt	<19	200	200				
				2018/12/2	Sunny	4.2	94.6	6.4	5	Grayish olive	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	0.2	19.3	80.4	34.3	2.691	Silt	22	250	272			
				2018/5/11	Sunny	16.3	0.8	15.4	3	Brown	Faint swamp	2.8	35.8	15.1	8.7	16.1	6.6	8.5	6.4	62.5	2.640	Gravel/sand	<0.89	2.1	2.1			
				2018/6/7	Sunny	26.3	0.8	25.5	3	Dull yellowish brown	Faint swamp	0.0	28.7	18.7	12.6	22.2	7.1	6.3	4.5	75.1	2.642	Gravel/sand	<0.71	2.2	2.2			
204	Minamiazai (farm pond)	Fukui	Minamiazai Town	2018/8/16	Rain	30.1	0.8	30.2	3	Dark grayish yellow	Faint swamp	1.5	27.5	17.8	10.9	23.6	7.3	8.1	3.4	73.1	2.629	Gravel/sand/silt	<0.74	2.0	2.0			
				2018/10/12	Rain	14.1	0.8	18.5	3	Olive brown	Faint swamp	0.0	29.7	17.3	9.9	21.9	8.0	8.4	4.8	73.2	2.639	Gravel/silt/sand	<0.72	1.7	1.7			
				2018/11/1	Cloudy	11.5	0.8	13.9	3	Grayish olive	Faint swamp	0.0	25.8	20.0	13.2	26.8	7.8	2.7	3.8	79.3	2.659	Sand/gravel	<0.69	1.3	1.3			
				2018/12/2	Sunny	9.1	0.6	9.8	3	Olive brown	Faint swamp	0.0	28.4	18.3	13.4	23.5	7.7	3.6	5.0	80.7	2.661	Gravel/silt/sand	<0.91	1.4	1.4			
				2018/5/10	Rain	9.1	7.4	8.6	5	Blackish brown	Faint swamp	0.0	0.0	0.0	0.1	0.2	7.6	63.6	28.6	18.9	2.231	Silt	33	280	313			
				2018/6/6	Cloudy	21.6	10.1	7.5	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	3.4	62.1	34.4	18.8	2.245	Silt	<36	330	330				
				2018/8/15	Sunny	27.8	8.0	11.9	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.1	0.1	2.1	63.8	33.9	22.8	2.222	Silt	<25	160	160			
				2018/10/11	Cloudy	16.0	10.2	9.3	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.2	5.5	61.7	23.8	21.8	2.248	Silt	<31	190	190			
206	Okutadami Reservoir		Hinoemata Village	2018/11/2	Cloudy	7.4	6.7	12.0	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.0	0.2	2.8	65.0	32.1	30.9	2.281	Silt	<34	280	280			
				2018/12/3	Cloudy	5.2	7.8	7.5	5	Blackish brown	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	1.9	56.0	42.0	22.7	2.292	Silt	<36	190	190			
				2018/6/8	Sunny	18.4	21.1	10.0	3	Dark grayish yellow	None	0.0	6.6	2.5	0.9	21.1	50.5	13.4	5.1	61.8	2.608	Sand/silt	<9.9	42	42			
				2018/7/15	Sunny	23.7	18.7	14.1	5	Yellowish gray	Faint sewage	0.0	0.1	0.1	0.1	25.6	56.4	13.3	4.5	64.7	2.660	Sand/silt	<8.6	33	33			
				2018/8/17	Cloudy	16.6	15.4	16.5	5	Dark grayish yellow	Faint sewage	0.0	0.0	0.0	0.3	24.1	51.4	15.6	8.7	47.3	2.568	Sand/silt	<11	82	82			
				2018/9/8	Rain	17.8	16.7	18.9	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.2	4.6	53.1	31.9	10.2	38.0	2.563	Sand/silt	<15	90	90			
				2018/10/13	Sunny	9.9	16.8	16.5	3	Blackish brown	Faint sewage	0.0	2.1	0.5	0.2	7.4	52.9	27.6	9.4	53.7	2.614	Silt/sand	<10	59	59			
				2018/11/1	Rain	4.1	15.9	12.4	5	Gray	Faint swamp	0.0	0.0	0.0	0.1	4.1	57.3	26.6	11.9	36.8	2.580	Silt/sand	<17	110	110			
207	Lake Ozumma		Hinoemata Village	2018/6/15	Cloudy	16.0	7.8	11.5	10	Dark olive brown	None	0.0	0.0	0.0	0.1	0.3	0.9	41.8	57.0	8.1	1.969	Silt	75	660	735			
				2018/7/9	Sunny	23.1	7.8	16.6	7	Blackish brown	None	0.0	0.0	0.0	0.1	0.4	1.6	42.2	55.6	9.2	2.046	Silt	<85	320	320			
				2018/8/10	Cloudy	21.4	7.2	15.0	5	Blackish brown	Faint sewage	0.0	0.0	0.0	0.0	0.3	0.9	35.4	63.4	8.7	2.029	Silt	<68	120	120			
				2018/9/14	Sunny	21.2	7.7	17.5	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	0.2	0.7	30.2	68.8	8.6	1.953	Silt	80	960	1,040			
				2018/9/25	Rain	12.4	9.0	15.2	5	Blackish brown	Faint swamp	0.0	0.0	0.0	0.1	0.4	1.4	33.8	64.3	10.0	1.959	Silt	<64	86	86			
				2018/10/12	Rain	8.1	9.6	13.9	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.3	1.1	36.9	61.7	9.4	1.991	Silt	<42	120	120			

# Fukushima Lakes and Reservoirs (Surrounding Environment/Aizu Area) 1/4

Location			Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)						Remarks				
						Soil							Air Dose (μSv/h)			
						General items			Activity concentration [Bq/kg(dry)]							
						Color	Odor	Property	Radioactive cesium							
Cs-134	Cs-137	Total														
No.	Location	Municipality														
177	Nicchu Dam	Kitakata City	2018/5/18	Cloudy	21.2	Dull yellowish brown	Faint earth	Clay-loamy	15	110	125	0.05				
			2018/6/15	Cloudy	17.1	Dull yellowish brown	None	Loamy	26	270	296	0.06				
			2018/8/10	Sunny	30.0	Brown	Faint earth	Loamy	30	310	340	0.07				
			2018/10/18	Sunny	14.3	Blackish brown	Faint earth	Loamy	28	260	288	0.06				
			2018/11/8	Sunny	13.6	Dull yellowish brown	Faint earth	Loamy	<6.5	49	49	0.06				
			2018/12/4	Rain	8.9	Dull yellowish brown	Faint earth	Loamy	9.7	100	109.7	0.07				
178	Lake Sohara		2018/5/23	Cloudy	15.2	Blackish brown	Faint earth	Loamy	100	1,100	1,200	0.05				
			2018/6/19	Sunny	22.1	Blackish brown	Faint earth	Loamy	120	1,400	1,520	0.05				
			2018/8/27	Rain	20.0	Blackish brown	Faint earth	Loamy	110	1,100	1,210	0.06				
			2018/10/15	Cloudy	15.6	Blackish brown	Faint earth	Loamy	240	2,700	2,940	0.05				
			2018/11/6	Cloudy	12.3	Blackish brown	Faint earth	Loamy	130	1,500	1,630	0.06				
			2018/12/6	Cloudy	5.0	Blackish brown	Faint earth	Loamy	210	2,300	2,510	0.07				
179	Lake Hibara	Kitashiobara Village	2018/5/23	Cloudy	13.8	Dark brown	Faint earth	Loamy	23	440	463	0.04				
			2018/6/18	Cloudy	16.5	Blackish brown	Faint earth	Loamy	48	470	518	0.05				
			2018/7/13	Cloudy	20.8	Blackish brown	Faint earth	Loamy	46	610	656	0.06				
			2018/8/27	Rain	20.6	Blackish brown	Faint earth	Loamy	78	750	828	0.06				
			2018/9/10	Cloudy	20.9	Blackish brown	Faint earth	Loamy	54	630	684	0.07				
			2018/10/15	Cloudy	10.9	Dark brown	Faint earth	Loamy	47	520	567	0.05				
			2018/11/8	Sunny	12.1	Dark brown	Faint earth	Loamy	88	910	998	0.09				
			2018/12/7	Cloudy	9.8	Blackish brown	Faint earth	Loamy	120	1,400	1,520	0.07				
			2019/1/10	Cloudy	0.5	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
			2019/2/2	Snow	-0.9	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
			180	Lake Onogawa		2018/5/25	Sunny	13.8	Blackish brown	None	Loamy	110	1,100	1,210	0.07	
						2018/6/16	Cloudy	12.8	Blackish brown	Faint earth	Loamy	41	400	441	0.06	
2018/7/22	Cloudy	18.6				Dark brown	Faint earth	Loamy	27	380	407	0.06				
2018/8/28	Rain	21.1				Blackish brown	Faint earth	Loamy	51	480	531	0.07				
2018/9/11	Cloudy	14.2				Blackish brown	Faint earth	Loamy	72	670	742	0.07				
2018/10/15	Cloudy	15.6				Blackish brown	Faint earth	Loamy	37	420	457	0.07				
2018/11/7	Sunny	12.1				Brown	Faint earth	Loamy	<7.3	74	74	0.09				
2018/12/6	Cloudy	5.0				Grayish yellowish brown	Faint earth	Loamy	8.8	92	100.8	0.10				
2019/1/10	Cloudy	-2.1				-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
2019/2/2	Snow	-0.1				-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
181	Lake Akimoto	Inawashiro Town	2018/5/23	Cloudy	15.6	Blackish brown	Faint earth	Loamy	37	430	467	0.07				
			2018/6/18	Cloudy	18.8	Blackish brown	Faint earth	Loamy	84	880	964	0.07				
			2018/7/13	Cloudy	24.3	Blackish brown	Faint earth	Loamy	59	640	699	0.07				
			2018/8/28	Rain	21.9	Blackish brown	Faint earth	Loamy	71	610	681	0.06				
			2018/9/11	Cloudy	17.1	Blackish brown	Faint earth	Loamy	73	810	883	0.08				
			2018/10/17	Cloudy	12.1	Blackish brown	Faint earth	Loamy	55	600	655	0.07				
			2018/11/7	Sunny	13.2	Dark brown	Faint earth	Loamy	63	710	773	0.08				
			2018/12/5	Cloudy	8.3	Dark brown	Faint earth	Loamy	28	330	358	0.09				
			2019/1/10	Cloudy	-1.7	-	-	-	-	-	-	-	-	0.05 Unable to collect samples due to snow on the ground		
			2019/2/3	Sunny	2.8	-	-	-	-	-	-	-	-	0.05 Unable to collect samples due to snow on the ground		
182	Lake Bishamonnuma	Kitashiobara Village	2018/5/24	Sunny	14.7	Blackish brown	Faint earth	Loamy	120	1,100	1,220	0.06				
			2018/6/19	Sunny	18.5	Blackish brown	Faint earth	Loamy	140	1,400	1,540	0.08				
			2018/8/30	Sunny	25.6	Blackish brown	Faint earth	Loamy	110	1,300	1,410	0.07				
			2018/10/17	Rain	11.1	Blackish brown	Faint earth	Loamy	130	1,300	1,430	0.08				
			2018/11/6	Cloudy	13.5	Blackish brown	Faint earth	Loamy	140	1,500	1,640	0.07				
			2018/12/4	Sunny	16.2	Blackish brown	Faint earth	Loamy	190	2,200	2,390	0.08				
183	Lake Ogunnuma	Kitashiobara Village	2018/7/23	Cloudy	22.5	Dull yellowish brown	Faint earth	Loamy	35	490	525	0.05				
			2018/8/14	Cloudy	24.8	Dark brown	None	Loamy	65	580	645	0.05				
			2018/9/6	Sunny	20.0	Dark brown	Faint earth	Loamy	47	410	457	0.07				
			2018/10/16	Cloudy	13.2	Blackish brown	Faint earth	Loamy	27	330	357	0.04				
			2018/11/8	Sunny	10.0	Dark brown	Faint earth	Loamy	57	690	747	0.07				
			2018/12/4	Cloudy	14.0	Dark brown	Faint earth	Loamy	73	880	953	0.07				

L a k e s a n d R e s e r v o i r s

# Fukushima Lakes and Reservoirs (Surrounding Environment/Aizu Area) 2/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)						Remarks		
							Soil							Air Dose (μSv/h)	
							General items			Activity concentration [Bq/kg(dry)]					
							Color	Odor	Property	Radioactive cesium					
Cs-134	Cs-137	Total													
No.	Location		Municipality												
L a k e s	184	Aizu (farm pond)	Lake Onuma	Nishiaizu Town	2018/5/26	Sunny	21.6	Blackish brown	Faint earth	Loamy	<6.2	38	38	0.05	
					2018/6/12	Cloudy	19.7	Blackish brown	Faint earth	Loamy	<6.7	39	39	0.04	
					2018/8/11	Cloudy	27.5	Grayish yellowish brown	Faint earth	Loamy	<6.8	48	48	0.05	
					2018/10/26	Sunny	9.3	Dark brown	Faint earth	Loamy	<5.3	50	50	0.05	
					2018/11/17	Rain	7.3	Blackish brown	Faint earth	Loamy	<7.3	30	30	0.05	
					2018/12/5	Cloudy	8.6	Blackish brown	Faint earth	Loamy	<6.5	30	30	0.05	
					2018/5/27	Sunny	14.0	-	-	-	-	-	-	-	No sampling soil location
					2018/6/21	Cloudy	17.1	-	-	-	-	-	-	-	No sampling soil location
					2018/7/12	Sunny	22.5	-	-	-	-	-	-	-	No sampling soil location
					2018/8/8	Cloudy	20.9	-	-	-	-	-	-	-	No sampling soil location
R e s e r v o i r s	185	Center	Aizuwakamatsu City	2018/9/5	Cloudy	22.5	-	-	-	-	-	-	-	No sampling soil location	
				2018/10/8	Sunny	17.9	-	-	-	-	-	-	-	No sampling soil location	
				2018/11/5	Cloudy	13.2	-	-	-	-	-	-	-	No sampling soil location	
				2018/12/3	Cloudy	6.8	-	-	-	-	-	-	-	No sampling soil location	
				2019/1/12	Sunny	0.4	-	-	-	-	-	-	-	No sampling soil location	
				2019/2/5	Sunny	3.6	-	-	-	-	-	-	-	No sampling soil location	
				2018/5/27	Sunny	18.3	Blackish brown	None	Loamy	7.8	96	103.8	0.04		
				2018/6/21	Sunny	17.0	Blackish brown	None	Sandy	30	280	310	0.04		
				2018/8/8	Cloudy	22.7	Brown	Faint earth	Sandy	24	200	224	0.07		
				2018/10/8	Sunny	18.5	Dark brown	Faint earth	Sandy	18	210	228	0.05		
186	Takahashi River Estuary	2018/11/5	Sunny	15.0	Dark brown	Faint earth	Sandy	14	130	144	0.07				
		2018/12/3	Cloudy	7.2	Blackish brown	Faint earth	Sandy	24	280	304	0.04				
		2018/5/27	Sunny	17.3	Blackish brown	Faint earth	Loamy	39	450	489	0.05				
		2018/6/21	Cloudy	17.0	Blackish brown	None	Loamy	44	510	554	0.05				
		2018/8/8	Cloudy	23.1	Dark brown	Faint earth	Loamy	140	1,600	1,740	0.06				
		2018/10/8	Sunny	18.3	Blackish brown	Faint earth	Loamy	75	750	825	0.05				
		2018/11/5	Sunny	13.3	Dark brown	Faint earth	Loamy	40	450	490	0.06				
		2018/12/3	Cloudy	6.1	Blackish brown	Faint earth	Loamy	31	370	401	0.05				
		2018/5/27	Sunny	16.2	Blackish brown	None	Sandy	<4.3	17	17	0.04				
		2018/6/21	Cloudy	16.9	Blackish brown	Faint earth	Sandy	9.0	79	88.0	0.04				
187	Oguro River Estuary	2018/8/8	Cloudy	24.1	Blackish brown	None	Sandy	<5.2	20	20	0.04				
		2018/10/8	Sunny	18.3	Grayish yellowish brown	Faint earth	Sandy	<4.2	10	10	0.04				
		2018/11/5	Sunny	13.5	Dark brown	None	Sandy	<7.6	18	18	0.04				
		2018/12/3	Cloudy	7.1	Blackish brown	Faint earth	Sandy	<6.0	18	18	0.04				
		2018/5/27	Sunny	16.2	Blackish brown	None	Sandy	<4.7	21	21	0.04				
		2018/6/21	Cloudy	16.4	Dark brown	None	Sandy	<4.6	19	19	0.04				
		2018/8/8	Cloudy	25.2	Dull yellowish brown	None	Sandy	<5.7	18	18	0.04				
		2018/10/8	Sunny	18.2	Dark brown	Faint earth	Sandy	<4.8	29	29	0.04				
		2018/11/5	Sunny	14.3	Brown	None	Sandy	<5.1	20	20	0.06				
		2018/12/3	Cloudy	6.5	Dark brown	Faint earth	Sandy	<4.9	21	21	0.05				
188	Lake Inawashiro	Tenjinhama Beach	Inawashiro Town	2018/5/27	Sunny	15.6	Dark brown	None	Loamy	17	230	247	0.05		
				2018/6/21	Cloudy	16.4	Dark brown	Faint earth	Loamy	21	250	271	0.06		
				2018/7/12	Sunny	22.7	Dark brown	Faint earth	Loamy	24	220	244	0.05		
				2018/8/8	Sunny	24.2	Dull yellowish brown	Faint earth	Loamy	21	220	241	0.07		
				2018/9/5	Cloudy	22.7	Dark brown	Faint earth	Loamy	26	220	246	0.07		
				2018/10/8	Sunny	18.2	Brown	Faint earth	Loamy	15	130	145	0.05		
				2018/11/5	Sunny	14.3	Dark brown	Faint earth	Loamy	30	320	350	0.07		
				2018/12/3	Cloudy	7.1	Dull yellowish brown	Faint earth	Loamy	23	240	263	0.05		
				2019/1/12	Sunny	-0.1	Dark brown	Faint earth	Loamy	24	310	334	0.06		
				2019/2/5	Sunny	4.2	Dark brown	Faint earth	Loamy	36	420	456	0.05		
189	Hishinuma River Estuary	2018/5/27	Sunny	14.7	Blackish brown	Faint earth	Loamy	27	220	247	0.04				
		2018/6/21	Cloudy	16.0	Blackish brown	None	Loamy	40	330	370	0.04				
		2018/8/8	Cloudy	24.7	Dark brown	Faint earth	Loamy	45	550	595	0.07				
		2018/10/8	Sunny	18.0	Dark brown	Faint earth	Loamy	32	370	402	0.05				
		2018/11/5	Cloudy	13.5	Blackish brown	Faint earth	Loamy	30	320	350	0.07				
		2018/12/3	Cloudy	5.7	Blackish brown	Faint earth	Loamy	20	220	240	0.05				
		190	Intake of Asakasosui	Koriyama City	2018/5/27	Sunny	14.7	Blackish brown	Faint earth	Loamy	27	220	247	0.04	
					2018/6/21	Cloudy	16.0	Blackish brown	None	Loamy	40	330	370	0.04	
					2018/8/8	Cloudy	24.7	Dark brown	Faint earth	Loamy	45	550	595	0.07	
					2018/10/8	Sunny	18.0	Dark brown	Faint earth	Loamy	32	370	402	0.05	
2018/11/5	Cloudy				13.5	Blackish brown	Faint earth	Loamy	30	320	350	0.07			
2018/12/3	Cloudy				5.7	Blackish brown	Faint earth	Loamy	20	220	240	0.05			
191	Hamajihama Beach				Koriyama City	2018/5/27	Sunny	14.7	Blackish brown	Faint earth	Loamy	27	220	247	0.04
						2018/6/21	Cloudy	16.0	Blackish brown	None	Loamy	40	330	370	0.04
						2018/8/8	Cloudy	24.7	Dark brown	Faint earth	Loamy	45	550	595	0.07
						2018/10/8	Sunny	18.0	Dark brown	Faint earth	Loamy	32	370	402	0.05
		2018/11/5	Cloudy	13.5		Blackish brown	Faint earth	Loamy	30	320	350	0.07			
		2018/12/3	Cloudy	5.7		Blackish brown	Faint earth	Loamy	20	220	240	0.05			

# Fukushima Lakes and Reservoirs (Surrounding Environment/Aizu Area) 3/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks		
							Soil								Air Dose (μSv/h)	
							General items			Activity concentration [Bq/kg(dry)]						
							Color	Odor	Property	Radioactive cesium						
Cs-134	Cs-137	Total														
No.	Location		Municipality													
L a k e  a n d  R e s e r v o i r s	192	Lake Inawashiro	Funatsu Port	Koriyama City	2018/5/27	Sunny	14.7	Blackish brown	None	Sandy	8.5	110	118.5	0.04		
					2018/6/21	Cloudy	16.0	Blackish brown	None	Sandy	7.4	75	82.4	0.05		
					2018/8/8	Cloudy	24.7	Dull yellow orange	None	Sandy	18	170	188	0.05		
					2018/10/8	Sunny	17.9	Dark brown	Faint earth	Sandy	10	110	120	0.04		
					2018/11/5	Cloudy	13.2	Dark brown	None	Sandy	15	150	165	0.06		
					2018/12/3	Cloudy	5.3	Dark brown	Faint earth	Sandy	16	170	186	0.05		
	193		Offshore of Funatsu River Estuary	Koriyama City	2018/5/27	Sunny	14.7	Blackish brown	Faint earth	Loamy	10	110	120	0.04		
					2018/6/21	Cloudy	16.1	Blackish brown	None	Loamy	10	110	120	0.04		
					2018/8/8	Cloudy	24.7	Brown	Faint earth	Loamy	24	250	274	0.05		
					2018/10/8	Cloudy	18.0	Brown	Faint earth	Loamy	8.4	110	118.4	0.05		
					2018/11/5	Cloudy	13.4	Dark brown	Faint earth	Loamy	22	270	292	0.07		
					2018/12/3	Cloudy	5.2	Blackish brown	Faint earth	Loamy	15	180	195	0.05		
	194		Seishogahama Beach	Koriyama City	2018/5/27	Sunny	14.1	Blackish brown	None	Sandy	6.9	70	76.9	0.04		
					2018/6/21	Cloudy	16.0	Grayish yellowish brown	None	Sandy	6.7	55	61.7	0.04		
					2018/8/8	Cloudy	19.1	Dull yellowish brown	None	Sandy	10	110	120	0.04		
					2018/10/8	Sunny	17.7	Dull yellowish brown	Faint earth	Sandy	<5.3	54	54	0.04		
					2018/11/5	Sunny	13.0	Grayish yellowish brown	None	Sandy	<8.7	68	68	0.04		
					2018/12/3	Cloudy	3.9	Dull yellowish brown	Faint earth	Sandy	<7.3	61	61	0.04		
	195	Lake Inawashiro	Haragawa River Estuary	Aizuwakamatsu City	2018/5/27	Cloudy	20.4	Blackish brown	None	Sandy	22	170	192	0.04		
					2018/6/21	Cloudy	17.8	Blackish brown	Faint earth	Sandy	15	130	145	0.04		
2018/8/8					Cloudy	20.8	Dull yellowish brown	Faint earth	Sandy	<6.2	54	54	0.07			
2018/10/8					Sunny	19.8	Blackish brown	Faint earth	Loamy	22	260	282	0.06			
2018/11/5					Sunny	15.2	Dark brown	None	Sandy	15	190	205	0.06			
2018/12/3					Cloudy	7.7	Blackish brown	Faint earth	Loamy	33	330	363	0.05			
196		Koishigahama Floodgate	Inawashiro Town/ Aizuwakamatsu City	2018/5/27	Sunny	20.7	Blackish brown	None	Loamy	31	380	411	0.06			
				2018/6/21	Cloudy	17.0	Blackish brown	Faint earth	Loamy	74	730	804	0.06			
				2018/7/12	Sunny	22.9	Dark brown	Faint earth	Loamy	72	800	872	0.07			
				2018/8/8	Cloudy	21.8	Dull yellowish brown	Faint earth	Loamy	55	510	565	0.07			
				2018/8/5	Cloudy	22.9	Dark brown	Faint earth	Loamy	30	280	310	0.07			
				2018/10/8	Sunny	19.3	Blackish brown	Faint earth	Loamy	34	340	374	0.05			
				2018/11/5	Sunny	16.5	Extremely dark brown	Faint earth	Loamy	45	570	615	0.07			
				2018/12/3	Cloudy	7.8	Blackish brown	Faint earth	Loamy	68	840	908	0.05			
				2019/1/12	Sunny	1.0	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
				2019/2/5	Sunny	2.8	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
197	Higashiyama Dam Reservoir		Aizuwakamatsu City	2018/5/18	Cloudy	28.5	Blackish brown	Faint earth	Loamy	30	260	290	0.06			
				2018/6/13	Cloudy	16.5	Blackish brown	Faint earth	Loamy	23	300	323	0.07			
				2018/8/6	Cloudy	24.6	Grayish yellowish brown	Faint earth	Loamy	45	420	465	0.07			
				2018/10/18	Sunny	16.2	Blackish brown	Faint earth	Loamy	36	450	486	0.06			
				2018/11/8	Sunny	15.3	Blackish brown	Faint earth	Loamy	24	290	314	0.05			
				2018/12/10	Sunny	0.9	Blackish brown	Faint earth	Loamy	<8.4	120	120	0.06			
198		Center		2018/5/12	Cloudy	12.5	Blackish brown	Faint earth	Loamy	16	170	186	0.05			
				2018/6/14	Sunny	15.1	Dark brown	Faint earth	Loamy	32	320	352	0.05			
				2018/8/25	Cloudy	23.8	Blackish brown	Faint earth	Loamy	19	180	199	0.06			
				2018/10/23	Cloudy	9.9	Blackish brown	Faint earth	Loamy	35	340	375	0.06			
				2018/11/7	Sunny	12.8	Dark brown	Faint earth	Loamy	14	160	174	0.05			
				2018/12/6	Cloudy	6.3	Dark brown	Faint earth	Loamy	12	150	162	0.05			
199	Lake Numazawa	Midpoint between the center of the lake and off the estuary (at the depth of 30 m)	Kaneyama Town	2018/5/12	Sunny	13.4	-	-	-	-	-	-	-	No sampling soil location		
				2018/6/14	Sunny	18.6	-	-	-	-	-	-	-	-	No sampling soil location	
				2018/8/25	Cloudy	27.7	-	-	-	-	-	-	-	-	No sampling soil location	
				2018/10/23	Sunny	8.4	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/11/7	Cloudy	12.8	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/12/6	Sunny	5.2	-	-	-	-	-	-	-	-	-	No sampling soil location
200		Offshore of Maenosawa River Estuary		2018/5/12	Sunny	14.5	-	-	-	-	-	-	-	-	No sampling soil location	
				2018/6/14	Sunny	19.6	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/8/25	Rain	24.4	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/10/23	Sunny	10.3	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/11/7	Cloudy	12.9	-	-	-	-	-	-	-	-	-	No sampling soil location
				2018/12/6	Cloudy	6.0	-	-	-	-	-	-	-	-	-	No sampling soil location

# Fukushima Lakes and Reservoirs (Surrounding Environment/Aizu Area) 4/4

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)						Remarks	
							Soil			Air Dose (μSv/h)				
No.	Location		Municipality	Color	Odor	Property	Activity concentration [Bq/kg(dry)]			Air Dose (μSv/h)				
							Radioactive cesium							
							Cs-134	Cs-137	Total					
L a k e s  a n d  R e s e r v o i r s	201	Aizu (farm pond)	Terairi	Aizumisato Town	2018/5/19	Sunny	17.0	Dark brown	Faint earth	Loamy	19	210	229	0.04
					2018/6/5	Cloudy	28.7	Grayish yellowish brown	Faint earth	Loamy	27	300	327	0.04
					2018/8/7	Cloudy	23.3	Dull yellowish brown	None	Loamy	54	610	664	0.04
					2018/10/10	Cloudy	24.7	Dark brown	Faint earth	Loamy	45	550	595	0.05
					2018/11/3	Sunny	12.6	Blackish brown	Faint earth	Loamy	27	300	327	0.04
					2018/12/7	Rain	10.8	Dark brown	Faint earth	Loamy	21	260	281	0.05
	202	Okawa Dam Reservoir		Aizuwakamatsu City	2018/5/21	Sunny	16.6	Blackish brown	Faint earth	Loamy	20	200	220	0.05
					2018/6/5	Sunny	21.4	Blackish brown	Faint earth	Loamy	29	260	289	0.04
					2018/8/10	Cloudy	30.9	Blackish brown	Faint earth	Loamy	19	200	219	0.05
					2018/10/10	Sunny	23.0	Blackish brown	Faint earth	Loamy	23	270	293	0.05
					2018/11/20	Sunny	8.7	Blackish brown	Faint earth	Loamy	24	290	314	0.05
					2018/12/7	Cloudy	9.7	Blackish brown	Faint earth	Loamy	23	240	263	0.05
	203	Tagokura Reservoir		Tadami Town	2018/5/22	Sunny	18.2	Blackish brown	Faint earth	Loamy	<7.4	26	26	0.05
					2018/6/7	Sunny	20.3	Blackish brown	Faint earth	Loamy	<10	68	68	0.05
					2018/8/16	Sunny	28.2	Blackish brown	Faint earth	Loamy	<7.8	48	48	0.05
					2018/10/13	Sunny	14.9	Blackish brown	Faint earth	Loamy	<9.7	40	40	0.04
					2018/11/1	Cloudy	7.9	Blackish brown	Faint earth	Loamy	<9.0	42	42	0.05
					2018/12/2	Sunny	4.2	Blackish brown	Faint earth	Loamy	<8.1	73	73	0.05
204	Minamiaizu(farm pond)	Fukui	Tadami Town	2018/5/11	Sunny	16.3	Dark brown	None	Loamy	<6.5	67	67	0.07	
				2018/6/7	Sunny	26.3	Grayish yellowish brown	Faint earth	Loamy	8.5	61	69.5	0.09	
				2018/8/16	Rain	30.1	Dark brown	Faint earth	Loamy	<11	44	44	0.08	
				2018/10/12	Rain	14.1	Dark brown	Faint earth	Loamy	<7.2	41	41	0.07	
				2018/11/1	Cloudy	11.5	Dark brown	Faint earth	Loamy	<11	41	41	0.07	
				2018/12/2	Sunny	9.1	Blackish brown	Faint earth	Loamy	8.4	84	92.4	0.08	
205	Tajima Dam Reservoir (Lake Funchana)		Minamiaizu Town	2018/5/10	Rain	9.1	Blackish brown	Faint earth	Loamy	<9.8	61	61	0.05	
				2018/6/6	Cloudy	21.6	Blackish brown	None	Loamy	<9.2	41	41	0.04	
				2018/8/15	Sunny	27.8	Blackish brown	Faint earth	Loamy	<9.6	34	34	0.05	
				2018/10/11	Cloudy	16.0	Blackish brown	Faint earth	Loamy	<8.0	38	38	0.05	
				2018/11/2	Cloudy	7.4	Blackish brown	Faint earth	Loamy	<12	43	43	0.04	
				2018/12/3	Cloudy	5.2	Blackish brown	Faint earth	Loamy	8.0	83	91.0	0.04	
206	Okutadami Reservoir		Hinoemata Village	2018/6/8	Sunny	18.4	Blackish brown	Faint earth	Loamy	<13	59	59	0.04	
				2018/7/15	Sunny	23.7	Blackish brown	Faint earth	Loamy	<11	66	66	0.05	
				2018/8/17	Cloudy	16.6	Dark brown	Faint earth	Loamy	<12	53	53	0.04	
				2018/9/8	Rain	17.8	Blackish brown	Faint earth	Loamy	<12	76	76	0.07	
				2018/10/13	Sunny	9.9	Blackish brown	Faint earth	Loamy	<14	75	75	0.05	
				2018/11/1	Rain	4.1	Blackish brown	Faint earth	Loamy	<10	130	130	0.05	
207	Lake Ozenuma		Hinoemata Village	2018/6/15	Cloudy	16.0	Brown	Faint earth	Loamy	74	560	634	0.06	
				2018/7/9	Sunny	23.1	Dull yellowish brown	Faint earth	Loamy	14	110	124	0.06	
				2018/8/10	Cloudy	21.4	Brown	Faint earth	Loamy	<15	55	55	0.06	
				2018/9/14	Sunny	21.2	Brown	None	Loamy	40	380	420	0.07	
				2018/9/25	Rain	12.4	Brown	Faint earth	Loamy	41	480	521	0.06	
				2018/10/12	Rain	8.1	Brown	Faint earth	Loamy	51	470	521	0.06	

# Fukushima Coastal (Water/Aizu Area) 1/5

No.	Location Water area		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
							General items				Activity concentration(Bq/L)						
							Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
								Cs-134	Cs-137								
208	Neighboring sea area of Soso	Approx. 2,000 m offshore of Tsurushhama Fishing Port	Surface layer	2018/5/25	Sunny	17.4	14.9	17.0	0.5	Dark grayish green	None	4.0	32.4	2	1.5	<0.62	<0.92
			Deep layer				14.2	13.9	-	None			33.3	3	1.8	<0.89	<0.92
			Surface layer	2018/6/14	Sunny	21.7	14.0	20.6	0.5	Dark grayish yellowish green	None	4.0	27.4	2	1.2	<0.77	<0.75
			Deep layer				17.1	13.0	-	None			30.7	13	8.2	<0.70	<0.88
			Surface layer	2018/7/6	Rain	17.9	16.0	19.2	0.5	Dark grayish green	None	5.0	30.7	1	0.7	<0.77	<0.70
			Deep layer				16.3	15.0	-	None			31.3	18	3.6	<0.81	<0.66
			Surface layer	2018/8/6	Rain	24.0	15.0	25.8	0.5	Dark grayish green	None	7.0	29.3	<1	0.3	<0.69	<0.80
			Deep layer				20.2	14.0	-	None			30.4	2	1.3	<0.87	<0.69
			Surface layer	2018/9/4	Cloudy	21.6	15.0	23.4	0.5	Dark grayish yellowish green	None	2.5	26.8	2	1.6	<0.77	<0.88
			Deep layer				22.0	14.0	-	None			32.6	13	6.6	<0.51	<0.84
			Surface layer	2018/10/4	Sunny	17.2	15.0	21.5	0.5	Dark grayish yellowish green	None	3.1	28.4	2	1.7	<0.85	<0.63
			Deep layer				21.2	14.0	-	None			31.2	7	3.2	<0.68	<0.88
			Surface layer	2018/11/5	Cloudy	13.6	15.1	17.9	0.5	Dark grayish green	None	4.2	30.6	2	0.8	<0.66	<0.75
			Deep layer				18.1	14.1	-	None			31.8	2	0.8	<0.79	<0.86
			Surface layer	2018/12/4	Cloudy	13.4	15.8	14.7	0.5	Dark grayish bluish green	None	6.7	31.8	1	0.7	<0.78	<0.88
			Deep layer				14.8	14.8	-	None			32.1	2	0.8	<0.78	<0.80
			Surface layer	2019/1/22	Sunny	1.7	17.0	8.4	0.5	Dark grayish green	None	8.0	31.4	1	0.7	<0.89	<0.69
			Deep layer				9.0	16.0	-	None			32.6	2	0.6	<0.51	<0.84
			Surface layer	2019/2/14	Sunny	-0.4	14.7	8.0	0.5	Dark grayish green	None	6.4	30.6	3	0.9	<0.71	<0.69
			Deep layer				8.3	13.7	-	None			32.3	3	1.1	<0.58	<0.84
209	Matsukawaura sea area	Around center of Fishing Right Area-1	Surface layer	2018/5/25	Sunny	23.0	3.3	19.1	0.5	Dark grayish green	None	>3.3	26.4	1	0.7	<0.69	<0.66
			Deep layer				19.1	2.3	-	None			28.0	2	0.9	<0.80	<0.74
			Surface layer	2018/6/13	Sunny	27.4	2.6	20.6	0.5	Grayish yellow green	None	1.5	19.0	9	4.9	<0.81	<0.80
			Deep layer				20.1	1.6	-	None			24.1	9	4.2	<0.70	<0.80
			Surface layer	2018/7/6	Rain	18.2	2.2	19.6	0.5	Dark grayish green	None	>2.2	28.9	1	0.8	<0.56	<0.66
			Deep layer				19.4	1.2	-	None			30.0	2	0.9	<0.77	<0.60
			Surface layer	2018/8/6	Rain	22.0	2.1	25.7	0.5	Dark grayish yellowish green	None	>2.1	24.2	3	2.0	<0.65	<0.66
			Deep layer				25.0	1.1	-	None			28.0	3	2.0	<0.41	<0.81
			Surface layer	2018/9/4	Sunny	24.2	2.0	23.6	0.5	Dark grayish green	None	>2.0	28.3	3	1.7	<0.76	<0.88
			Deep layer				23.4	1.0	-	None			28.6	3	1.6	<0.54	<0.75
			Surface layer	2018/10/4	Sunny	19.8	2.4	21.2	0.5	Dark grayish yellow green	None	2.0	28.1	5	3.4	<0.83	<0.88
			Deep layer				21.3	1.4	-	None			28.3	6	3.5	<0.73	<0.80
			Surface layer	2018/11/5	Cloudy	14.6	2.1	15.8	0.5	Dark grayish green	None	>2.1	29.2	3	2.1	<0.54	<0.89
			Deep layer				15.9	1.1	-	None			29.3	4	2.0	<0.84	<0.66
			Surface layer	2018/12/4	Cloudy	15.2	2.6	14.4	0.5	Dark grayish bluish green	None	>2.6	32.0	2	0.8	<0.88	<0.75
			Deep layer				14.6	1.6	-	None			32.0	2	0.9	<0.68	<0.88
			Surface layer	2019/1/22	Sunny	2.8	3.5	7.1	0.5	Dark grayish green	None	>3.5	32.3	2	0.6	<0.73	<0.84
			Deep layer				7.2	2.5	-	None			32.4	<1	0.7	<0.47	<0.69
			Surface layer	2019/2/14	Sunny	2.1	3.3	6.9	0.5	Dark grayish green	None	>3.3	31.2	1	0.5	<0.67	<0.88
			Deep layer				7.5	2.3	-	None			32.3	2	0.7	<0.66	<0.69
210	Neighboring sea area of Soso	Approx. 2,000 m offshore of Mano River	Surface layer	2018/5/24	Sunny	17.8	19.7	16.3	0.5	Dark grayish green	None	3.8	33.7	3	1.9	<0.86	<0.84
			Deep layer				14.2	18.7	-	None			34.2	5	2.4	<0.56	<0.70
			Surface layer	2018/6/14	Sunny	18.8	19.5	20.0	0.5	Dark grayish green	None	5.5	20.2	2	0.9	<0.85	<0.75
			Deep layer				19.2	18.5	-	None			26.3	6	3.3	<0.71	<0.75
			Surface layer	2018/7/9	Cloudy	21.7	19.0	21.0	0.5	Dark grayish green	None	3.8	28.2	2	1.6	<0.89	<0.75
			Deep layer				16.3	18.0	-	None			31.8	6	1.5	<0.65	<0.75
			Surface layer	2018/8/21	Sunny	23.3	19.5	22.4	0.5	Dark grayish green	None	6.0	29.1	2	1.1	<0.75	<0.69
			Deep layer				19.6	18.5	-	None			31.0	4	1.4	<0.77	<0.92
			Surface layer	2018/9/7	Cloudy	23.0	19.6	22.8	0.5	Dark grayish green	None	3.8	31.2	2	1.4	<0.69	<0.75
			Deep layer				21.2	18.6	-	None			32.6	2	1.7	<0.81	<0.80
			Surface layer	2018/10/3	Cloudy	20.2	19.7	21.3	0.5	Dark grayish yellowish green	None	3.0	29.8	2	1.8	<0.67	<0.88
			Deep layer				21.0	18.7	-	None			31.5	6	4.4	<0.68	<0.69
			Surface layer	2018/11/6	Cloudy	15.7	19.7	17.8	0.5	Dark grayish bluish green	None	7.9	31.7	<1	0.4	<0.83	<0.84
			Deep layer				17.9	18.7	-	None			31.8	1	0.5	<0.68	<0.69
			Surface layer	2018/12/4	Cloudy	11.9	19.4	14.2	0.5	Dark grayish bluish green	None	7.8	30.9	2	0.5	<0.73	<0.61
			Deep layer				13.9	18.4	-	None			31.8	3	1.2	<0.65	<0.88
			Surface layer	2019/1/25	Sunny	2.2	19.8	7.8	0.5	Dark grayish bluish green	None	9.5	32.5	2	0.5	<0.79	<0.63
			Deep layer				7.9	18.8	-	None			33.0	1	0.6	<0.68	<0.69
			Surface layer	2019/2/13	Sunny	1.4	20.1	9.5	0.5	Dark grayish green	None	6.4	31.2	6	0.9	<0.57	<0.88
			Deep layer				8.6	19.1	-	None			32.6	3	1.2	<0.66	<0.63



# Fukushima Coastal (Water/Aizu Area) 2/5

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
							General items				Activity concentration(Bq/L)						
							Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium		
								Cs-134	Cs-137								
211	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Nida River	Surface layer	2018/5/24	Sunny	17.4	8.5	16.4	0.5	Dark grayish green	None	2.1	32.2	8	4.2	<0.77	<0.69
			Deep layer					15.5	7.5	-	None		33.5	24	13	<0.78	<0.75
			Surface layer	2018/6/14	Sunny	18.9	7.4	18.8	0.5	Grayish yellow green	None	3.6	25.6	8	3.3	<0.60	<0.96
			Deep layer					18.4	6.4	-	None		26.5	7	2.6	<0.74	<0.69
			Surface layer	2018/7/9	Cloudy	21.1	8.0	20.7	0.5	Dark grayish green	None	4.5	26.3	2	1.4	<0.65	<0.69
			Deep layer					19.3	7.0	-	None		27.6	2	1.1	<0.65	<0.69
			Surface layer	2018/8/21	Cloudy	23.9	8.7	23.3	0.5	Dark grayish yellowish green	None	2.3	27.8	3	2.4	<0.69	<0.63
			Deep layer					21.2	7.7	-	None		31.1	28	11	<0.77	<0.88
			Surface layer	2018/9/7	Cloudy	23.1	8.5	22.2	0.5	Dark grayish yellowish green	None	3.4	30.3	2	1.4	<0.71	<0.69
			Deep layer					22.1	7.5	-	None		31.9	3	1.7	<0.81	<0.88
			Surface layer	2018/10/3	Cloudy	20.0	8.4	20.9	0.5	Dark grayish yellowish green	None	2.6	28.0	5	2.5	<0.89	<0.88
			Deep layer					21.4	7.4	-	None		30.6	6	3.4	<0.80	<0.80
			Surface layer	2018/11/6	Cloudy	15.4	8.2	18.2	0.5	Dark grayish bluish green	None	7.0	30.8	1	0.8	<0.51	<0.89
			Deep layer					18.2	7.2	-	None		31.8	1	0.8	<0.83	<0.80
			Surface layer	2018/12/4	Cloudy	11.3	8.3	14.3	0.5	Dark grayish bluish green	None	6.0	31.9	2	1.1	<0.51	<0.75
			Deep layer					14.7	7.3	-	None		32.0	1	0.6	<0.51	<0.80
			Surface layer	2019/1/25	Sunny	2.1	8.8	8.2	0.5	Dark grayish bluish green	None	5.0	32.2	2	0.8	<0.73	<0.63
			Deep layer					8.6	7.8	-	None		32.6	5	1.7	<0.51	<0.63
			Surface layer	2019/2/13	Sunny	1.3	8.8	8.9	0.5	Dark grayish green	None	5.8	33.1	2	1.1	<0.63	<0.84
			Deep layer					9.6	7.8	-	None		33.1	3	1.1	<0.77	<0.88
212	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Ota River	Surface layer	2018/5/24	Sunny	17.5	11.3	16.4	0.5	Dark grayish green	None	2.0	30.6	6	4.2	<0.60	<0.80
			Deep layer					14.7	10.3	-	None		33.5	5	3.1	<0.94	<0.75
			Surface layer	2018/6/14	Sunny	17.3	10.8	18.8	0.5	Grayish yellowish green	None	3.5	25.1	2	1.4	<0.76	<0.80
			Deep layer					18.3	9.8	-	None		26.5	5	2.2	<0.66	<0.69
			Surface layer	2018/7/9	Cloudy	21.1	11.0	21.1	0.5	Dark grayish green	None	3.6	26.1	1	0.7	<0.83	<0.69
			Deep layer					18.3	10.0	-	None		29.0	2	0.7	<0.62	<0.88
			Surface layer	2018/8/21	Cloudy	23.3	10.4	22.6	0.5	Dark grayish green	None	4.0	30.2	1	1.1	<0.77	<0.63
			Deep layer					20.9	9.4	-	None		31.2	5	2.0	<0.74	<0.80
			Surface layer	2018/9/7	Cloudy	23.7	10.7	22.0	0.5	Dark grayish yellowish green	None	2.8	31.8	3	1.9	<0.79	<0.75
			Deep layer					21.6	9.7	-	None		32.4	2	1.7	<0.69	<0.63
			Surface layer	2018/10/3	Cloudy	18.7	11.1	20.5	0.5	Dark grayish yellowish green	None	2.9	29.0	2	1.6	<0.76	<0.63
			Deep layer					21.3	10.1	-	None		31.4	4	3.2	<0.63	<0.75
			Surface layer	2018/11/6	Cloudy	14.8	10.8	17.5	0.5	Dark grayish bluish green	None	7.0	31.7	<1	0.6	<0.77	<0.84
			Deep layer					18.3	9.8	-	None		32.1	6	1.7	<0.71	<0.84
			Surface layer	2018/12/4	Cloudy	11.5	10.8	13.5	0.5	Dark grayish bluish green	None	6.8	30.3	2	0.7	<0.77	<0.55
			Deep layer					14.3	9.8	-	None		31.9	<1	0.4	<0.65	<0.70
			Surface layer	2019/1/25	Sunny	2.1	11.0	8.0	0.5	Dark grayish bluish green	None	5.0	31.7	3	1.2	<0.73	<0.66
			Deep layer					8.6	10.0	-	None		32.7	5	1.5	<0.49	<0.66
			Surface layer	2019/2/13	Sunny	0.3	11.3	9.1	0.5	Dark grayish green	None	5.5	32.8	4	1.4	<0.86	<0.75
			Deep layer					9.3	10.3	-	None		33.1	7	2.5	<0.67	<0.84
213	Neighboring sea area of Soso District	Approx. 1,000 m offshore of Odaka River	Surface layer	2018/5/23	Cloudy	16.4	11.3	15.5	0.5	Dark grayish green	None	2.2	32.2	6	4.7	<0.99	<0.69
			Deep layer					15.1	10.3	-	None		33.2	9	4.7	<0.66	<0.75
			Surface layer	2018/6/15	Cloudy	15.6	10.8	18.1	0.5	Dark grayish green	None	6.8	30.5	1	0.6	<0.62	<0.84
			Deep layer					18.2	9.8	-	None		30.9	3	1.2	<0.65	<0.75
			Surface layer	2018/7/10	Cloudy	23.7	11.3	22.0	0.5	Dark grayish green	None	4.0	25.7	2	0.9	<0.59	<0.75
			Deep layer					20.6	10.3	-	None		27.6	2	0.9	<0.79	<0.55
			Surface layer	2018/8/20	Sunny	20.8	11.9	21.4	0.5	Dark grayish green	None	3.5	31.1	3	1.6	<0.81	<0.88
			Deep layer					20.6	10.9	-	None		31.8	4	1.3	<0.78	<0.84
			Surface layer	2018/9/6	Sunny	24.3	11.4	21.5	0.5	Dark grayish yellowish green	None	2.5	31.5	3	1.7	<0.80	<0.75
			Deep layer					20.6	10.4	-	None		33.4	9	3.7	<0.77	<0.75
			Surface layer	2018/10/5	Sunny	20.2	11.7	21.2	0.5	Dark grayish yellowish green	None	3.8	30.6	3	1.3	<0.62	<0.75
			Deep layer					21.3	10.7	-	None		31.2	13	4.4	<0.54	<0.84
			Surface layer	2018/11/7	Sunny	12.9	13.0	17.5	0.5	Dark grayish bluish green	None	5.2	31.4	2	1.1	<0.83	<0.63
			Deep layer					17.2	12.0	-	None		32.4	6	1.7	<0.77	<0.63
			Surface layer	2018/12/3	Cloudy	9.1	10.8	13.3	0.5	Dark grayish bluish green	None	9.5	31.8	2	0.4	<0.87	<0.80
			Deep layer					13.1	9.8	-	None		32.0	<1	0.3	<0.65	<0.80
			Surface layer	2019/1/18	Sunny	1.8	10.7	11.9	0.5	Dark grayish green	None	3.5	32.2	4	1.6	<0.70	<0.69
			Deep layer					11.6	9.7	-	None		32.9	4	1.9	<0.59	<0.63
			Surface layer	2019/2/12	Sunny	1.6	11.4	9.7	0.5	Dark grayish green	None	4.8	33.2	5	1.3	<0.68	<0.80
			Deep layer					9.7	10.4	-	None		33.2	10	1.6	<0.63	<0.69

# Fukushima Coastal (Water/Aizu Area) 3/5

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water								Remarks		
	Water area						Water temperature (°C)	Sampling depth (m)	General items		Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)		Activity concentration(Bq/L)	
									Color	Odor						Cs-134	Cs-137
214	Approx. 2,000 m offshore of Ukedo River	Surface layer	2018/5/23	Cloudy	17.0	16.1	16.1	0.5	Dark grayish green	None	3.3	32.9	3	1.7	<0.87	<0.75	
		Deep layer					15.2	15.1	-	None		33.6	2	1.2	<0.51	<0.88	
		Surface layer	2018/6/15	Rain	16.5	16.3	18.4	0.5	Dark grayish green	None	4.0	30.3	<1	0.6	<0.79	<0.84	
		Deep layer					17.4	15.3	-	None		31.0	12	5.2	<0.65	<0.96	
		Surface layer	2018/7/10	Sunny	22.6	15.3	21.9	0.5	Dark grayish bluish green	None	6.2	26.8	<1	0.5	<0.72	<0.55	
		Deep layer					19.8	14.3	-	None		27.3	3	0.8	<0.57	<0.69	
		Surface layer	2018/8/20	Sunny	21.4	16.7	21.7	0.5	Dark grayish green	None	6.0	28.9	3	1.4	<0.74	<0.84	
		Deep layer					20.4	15.7	-	None		32.1	3	0.9	<0.82	<0.55	
		Surface layer	2018/9/6	Sunny	25.2	16.7	22.3	0.5	Dark grayish green	None	3.8	31.7	4	1.6	<0.65	<0.55	
		Deep layer					20.2	15.7	-	None		33.3	11	4.0	<0.80	<0.55	
		Surface layer	2018/10/5	Sunny	19.7	16.6	21.3	0.5	Dark grayish yellowish green	None	3.6	30.9	2	1.1	<0.70	<0.69	
		Deep layer					20.8	15.6	-	None		31.9	8	2.7	<0.74	<0.75	
		Surface layer	2018/11/7	Sunny	14.3	17.1	17.4	0.5	Dark grayish bluish green	None	5.9	31.4	2	0.8	<0.65	<0.66	
		Deep layer					17.6	16.1	-	None		31.7	14	2.3	<0.69	<0.61	
		Surface layer	2018/12/3	Cloudy	10.3	15.8	13.4	0.5	Dark grayish bluish green	None	7.0	31.0	11	0.6	<0.74	<0.69	
		Deep layer					13.8	14.8	-	None		32.0	2	0.6	<0.54	<0.75	
		Surface layer	2019/1/18	Sunny	2.4	15.9	11.6	0.5	Dark grayish green	None	3.0	32.4	3	1.7	<0.77	<0.81	
		Deep layer					12.0	14.9	-	None		32.8	9	3.3	<0.77	<0.66	
		Surface layer	2019/2/12	Sunny	3.2	15.8	10.1	0.5	Dark grayish green	None	4.5	32.9	5	1.3	<0.72	<0.63	
		Deep layer					10.4	14.8	-	None		33.1	8	1.6	<0.70	<0.69	
215	Neighboring sea area of Soso District	Surface layer	2018/5/22	Sunny	16.0	12.4	16.5	0.5	Dark grayish green	None	2.9	31.5	2	1.6	<0.81	<0.80	
		Deep layer					16.1	11.4	-	None		32.0	3	1.8	<0.74	<0.75	
		Surface layer	2018/6/13	Sunny	18.2	12.2	18.6	0.5	Dark grayish green	None	3.0	31.4	3	1.3	<0.72	<0.63	
		Deep layer					17.6	11.2	-	None		32.7	6	2.4	<0.60	<0.88	
		Surface layer	2018/7/11	Cloudy	22.9	11.8	20.0	0.5	Dark grayish green	None	4.8	31.7	2	0.9	<0.68	<0.92	
		Deep layer					19.1	10.8	-	None		32.3	2	0.7	<0.60	<0.88	
		Surface layer	2018/8/6	Cloudy	24.3	12.4	24.7	0.5	Dark grayish bluish green	None	8.5	32.3	<1	0.2	<0.74	<0.80	
		Deep layer					24.5	11.4	-	None		32.6	11	0.5	<0.85	<0.88	
		Surface layer	2018/9/10	Rain	19.4	12.8	22.5	0.5	Dark grayish green	None	5.0	29.9	6	1.4	<0.86	<0.88	
		Deep layer					22.1	11.8	-	None		31.9	17	3.4	<0.54	<0.84	
		Surface layer	2018/10/10	Sunny	19.6	12.8	20.9	0.5	Dark grayish green	None	3.5	31.8	4	2.2	<0.81	<0.63	
		Deep layer					21.2	11.8	-	None		32.3	3	1.4	<0.73	<0.92	
		Surface layer	2018/11/7	Cloudy	13.7	12.3	17.6	0.5	Dark grayish green	None	5.5	32.1	3	1.0	<0.68	<0.84	
		Deep layer					17.0	11.3	-	None		32.7	8	1.4	<0.76	<0.84	
		Surface layer	2018/12/10	Sunny	5.1	12.8	12.5	0.5	Dark grayish green	None	3.7	31.9	3	1.9	<0.75	<0.63	
		Deep layer					12.9	11.8	-	None		32.5	4	2.2	<0.54	<0.84	
		Surface layer	2019/1/17	Sunny	3.9	12.8	11.9	0.5	Dark grayish green	None	2.5	31.6	5	2.3	<0.88	<0.80	
		Deep layer					11.7	11.8	-	None		33.3	6	2.6	<0.77	<0.80	
		Surface layer	2019/2/6	Cloudy	4.9	12.4	11.1	0.5	Dark grayish green	None	5.2	32.7	3	1.4	<0.70	<0.75	
		Deep layer					11.5	11.4	-	None		33.0	3	1.4	<0.80	<0.84	
216	Approx. 1,000 m offshore of Tomioka River	Surface layer	2018/5/22	Sunny	17.7	10.8	16.2	0.5	Dark grayish green	None	2.7	31.5	3	2.6	<0.60	<0.69	
		Deep layer					15.9	9.8	-	None		32.0	7	4.0	<0.56	<0.80	
		Surface layer	2018/6/13	Sunny	18.3	10.2	18.8	0.5	Dark grayish green	None	3.8	31.9	2	1.2	<0.77	<0.75	
		Deep layer					18.1	9.2	-	None		32.4	8	2.9	<0.60	<0.80	
		Surface layer	2018/7/11	Cloudy	22.5	9.8	19.8	0.5	Dark grayish green	None	2.9	31.1	2	1.8	<0.63	<0.88	
		Deep layer					19.1	8.8	-	None		31.9	4	1.8	<0.80	<0.63	
		Surface layer	2018/8/6	Cloudy	24.0	10.4	24.2	0.5	Dark grayish bluish green	None	9.0	32.3	<1	0.3	<0.86	<0.74	
		Deep layer					23.7	9.4	-	None		32.5	<1	0.3	<0.68	<0.69	
		Surface layer	2018/9/10	Rain	19.5	11.3	22.5	0.5	Dark grayish green	None	4.3	31.6	4	1.3	<0.80	<0.80	
		Deep layer					21.6	10.3	-	None		31.8	4	1.5	<0.60	<0.80	
		Surface layer	2018/10/10	Sunny	19.3	11.8	20.6	0.5	Dark grayish green	None	4.2	31.5	4	1.8	<0.81	<0.92	
		Deep layer					20.7	10.8	-	None		32.4	10	3.4	<0.76	<0.80	
		Surface layer	2018/11/7	Cloudy	14.7	10.4	17.7	0.5	Dark grayish yellowish green	None	3.0	32.3	9	2.8	<0.78	<0.84	
		Deep layer					17.8	9.4	-	None		32.8	7	2.4	<0.72	<0.84	
		Surface layer	2018/12/10	Sunny	5.0	11.1	11.2	0.5	Dark grayish green	None	2.5	31.2	5	3.1	<0.65	<0.69	
		Deep layer					12.1	10.1	-	None		32.4	6	3.1	<0.62	<0.69	
		Surface layer	2019/1/17	Sunny	2.9	10.5	12.0	0.5	Dark grayish green	None	5.0	32.7	1	0.8	<0.65	<0.66	
		Deep layer					11.9	9.5	-	None		33.0	2	1.3	<0.86	<0.66	
		Surface layer	2019/2/6	Cloudy	6.1	10.9	11.8	0.5	Dark grayish green	None	5.6	32.7	2	1.0	<0.89	<0.88	
		Deep layer					11.5	9.9	-	None		33.6	3	1.0	<0.60	<0.92	

# Fukushima Coastal (Water/Aizu Area) 4/5

Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks		
						General items				Activity concentration(Bq/L)								
No.	Water area					Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium				
														Cs-134	Cs-137			
217	Neighboring sea area of Naraha Town Approx. 1,000 m offshore of Kidogawa River	Surface layer	2018/5/21	Cloudy	13.5	10.4	15.8	0.5	Dark grayish green	None	2.2	32.3	4	3.0	<0.82	<0.80		
		Deep layer					15.7	9.4	-	None		33.1	12	4.7	<0.58	<0.69		
		Surface layer	2018/6/14	Sunny	16.7	12.3	18.0	0.5	Dark grayish green	None	3.2	31.7	3	1.5	<0.79	<0.92		
		Deep layer					17.9	11.3	-	None		32.1	21	6.8	<0.76	<0.75		
		Surface layer	2018/7/12	Cloudy	24.5	9.3	21.5	0.5	Dark grayish green	None	3.5	30.2	2	0.9	<0.51	<0.84		
		Deep layer					20.0	8.3	-	None		32.1	6	2.0	<0.51	<0.75		
		Surface layer	2018/8/3	Sunny	25.2	12.6	23.0	0.5	Dark grayish green	None	4.0	32.7	3	1.5	<0.91	<0.75		
		Deep layer					19.5	11.6	-	None		33.1	19	5.6	<0.72	<0.75		
		Surface layer	2018/9/13	Cloudy	24.3	10.5	22.1	0.5	Dark grayish bluish green	None	3.5	29.0	2	1.8	<0.54	<0.75		
		Deep layer					22.0	9.5	-	None		32.6	21	7.0	<0.67	<0.84		
		Surface layer	2018/10/11	Cloudy	19.6	11.4	20.8	0.5	Dark grayish bluish green	None	7.5	32.2	1	0.6	<0.71	<0.75		
		Deep layer					20.7	10.4	-	None		32.5	11	4.6	<0.68	<0.84		
		Surface layer	2018/11/13	Cloudy	13.5	11.7	17.2	0.5	Dark grayish green	None	2.5	31.9	5	3.0	<0.80	<0.84		
		Deep layer					17.6	10.7	-	None		32.6	6	3.9	<0.73	<0.75		
		Surface layer	2018/12/11	Sunny	3.0	11.5	12.5	0.5	Dark grayish green	None	4.5	30.5	3	1.5	<0.57	<0.80		
		Deep layer					13.7	10.5	-	None		32.4	2	1.3	<0.57	<0.55		
		Surface layer	2019/1/17	Sunny	9.2	10.2	13.1	0.5	Dark grayish green	None	3.5	32.7	4	1.9	<0.79	<0.75		
		Deep layer					13.0	9.2	-	None		33.0	5	1.9	<0.61	<0.66		
		Surface layer	2019/2/7	Sunny	8.0	10.2	11.5	0.5	Dark grayish green	None	6.7	32.2	2	0.6	<0.68	<0.75		
		Deep layer					11.9	9.2	-	None		33.1	13	2.4	<0.86	<0.75		
		218	Approx. 1,000 m offshore of Asami River Estuary	Surface layer	2018/5/21	Cloudy	16.2	11.4	15.9	0.5	Dark grayish green	None	3.0	32.5	3	2.3	<0.69	<0.75
				Deep layer					15.7	10.4	-	None		33.0	35	10	<0.64	<0.88
				Surface layer	2018/6/14	Sunny	16.9	11.0	18.3	0.5	Dark grayish green	None	3.8	32.1	3	1.3	<0.83	<0.88
				Deep layer					18.4	10.0	-	None		32.5	4	2.3	<0.68	<0.75
Surface layer	2018/7/12			Cloudy	22.4	9.2	20.4	0.5	Dark grayish green	None	4.0	31.4	2	0.9	<0.77	<0.69		
Deep layer							19.0	8.2	-	None		32.4	7	2.4	<0.63	<0.88		
Surface layer	2018/8/3			Sunny	25.4	11.5	23.5	0.5	Dark grayish green	None	3.8	32.9	6	2.8	<0.86	<0.84		
Deep layer							19.4	10.5	-	None		33.2	7	3.8	<0.58	<0.75		
Surface layer	2018/9/13			Cloudy	24.8	10.2	22.4	0.5	Dark grayish green	None	3.1	31.7	1	0.9	<0.86	<0.92		
Deep layer							22.3	9.2	-	None		32.4	2	0.9	<0.73	<0.84		
Surface layer	2018/10/11			Cloudy	19.8	11.7	20.9	0.5	Dark grayish bluish green	None	8.2	32.7	1	0.6	<0.72	<0.75		
Deep layer							20.8	10.7	-	None		33.2	2	0.6	<0.60	<0.88		
Surface layer	2018/11/13			Cloudy	14.3	11.6	17.4	0.5	Dark grayish green	None	2.4	32.2	6	3.3	<0.67	<0.88		
Deep layer							17.6	10.6	-	None		32.7	7	3.9	<0.79	<0.80		
Surface layer	2018/12/11			Sunny	3.6	11.0	13.9	0.5	Dark grayish green	None	7.5	32.1	2	0.8	<0.85	<0.80		
Deep layer							14.4	10.0	-	None		32.8	2	0.8	<0.71	<0.63		
Surface layer	2019/1/17			Sunny	8.3	10.8	12.6	0.5	Dark grayish green	None	2.9	32.7	4	1.8	<0.70	<0.75		
Deep layer							12.5	9.8	-	None		32.7	5	1.9	<0.72	<0.84		
Surface layer	2019/2/7			Sunny	9.3	10.2	12.0	0.5	Dark grayish green	None	4.5	33.1	3	1.4	<0.83	<0.80		
Deep layer							12.4	9.2	-	None		33.3	7	1.6	<0.83	<0.75		
219	Approx. 1,000 m offshore of Ohisa River Estuary			Surface layer	2018/5/21	Sunny	19.1	11.1	17.1	0.5	Dark grayish green	None	2.5	32.9	3	2.2	<0.84	<0.63
				Deep layer					16.0	10.1	-	None		33.1	7	2.3	<0.73	<0.61
				Surface layer	2018/6/14	Sunny	19.4	10.4	18.5	0.5	Dark grayish green	None	3.0	32.3	4	1.8	<0.54	<0.92
				Deep layer					18.0	9.4	-	None		32.6	16	5.5	<0.76	<0.75
		Surface layer	2018/7/12	Cloudy	26.8	9.8	21.4	0.5	Dark grayish green	None	5.0	31.6	<1	0.5	<0.69	<0.69		
		Deep layer					20.2	8.8	-	None		31.8	3	1.0	<0.60	<0.69		
		Surface layer	2018/8/3	Sunny	25.9	11.2	24.6	0.5	Dark grayish bluish green	None	6.4	32.7	1	0.7	<0.84	<0.80		
		Deep layer					22.9	10.2	-	None		33.1	5	2.3	<0.60	<0.84		
		Surface layer	2018/9/13	Cloudy	25.9	11.3	22.6	0.5	Dark grayish bluish green	None	4.0	32.3	1	0.6	<0.81	<0.80		
		Deep layer					22.3	10.3	-	None		32.6	5	1.3	<0.54	<0.80		
		Surface layer	2018/10/11	Cloudy	19.8	10.7	21.2	0.5	Dark grayish bluish green	None	5.8	32.5	1	0.6	<0.60	<0.80		
		Deep layer					21.1	9.7	-	None		32.8	7	1.9	<0.76	<0.69		
		Surface layer	2018/11/12	Cloudy	13.4	11.8	17.3	0.5	Dark grayish green	None	3.8	32.3	2	1.7	<0.58	<0.88		
		Deep layer					17.6	10.8	-	None		32.8	4	2.3	<0.69	<0.84		
		Surface layer	2018/12/11	Sunny	7.5	11.0	16.7	0.5	Dark grayish green	None	8.0	32.4	2	0.5	<0.72	<0.63		
		Deep layer					16.4	10.0	-	None		33.1	5	0.9	<0.80	<0.69		
		Surface layer	2019/1/17	Sunny	12.5	11.9	13.9	0.5	Dark grayish green	None	6.5	33.0	2	0.8	<0.63	<0.84		
		Deep layer					13.3	10.9	-	None		33.2	3	0.9	<0.71	<0.84		
		Surface layer	2019/2/7	Sunny	11.0	10.5	11.7	0.5	Dark grayish green	None	5.3	33.0	3	1.1	<0.63	<0.88		
		Deep layer					12.4	9.5	-	None		33.2	5	1.4	<0.76	<0.80		

# Fukushima Coastal (Water/Aizu Area) 5/5

Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks	
						General items				Activity concentration(Bq/L)							
No.	Water area	Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium							
		Cs-134	Cs-137														
220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsui River	Surface layer	2018/5/18	Cloudy	16.0	19.2	16.1	0.5	Dark grayish green	None	6.5	33.2	<1	0.2	<0.79	<0.69
			Deep layer				14.9	18.2	-	None			33.5	5	1.2	<0.77	<0.80
			Surface layer	2018/6/15	Cloudy	16.3	18.1	18.1	0.5	Dark grayish green	None	4.5	32.2	1	0.8	<0.80	<0.55
			Deep layer				16.9	17.1	-	None			32.7	3	1.4	<0.68	<0.75
			Surface layer	2018/7/13	Cloudy	22.5	17.0	20.4	0.5	Dark grayish bluish green	None	5.2	31.1	<1	0.6	<0.75	<0.75
			Deep layer				15.1	16.0	-	None			33.0	3	1.2	<0.65	<0.84
			Surface layer	2018/8/2	Sunny	25.5	18.4	23.6	0.5	Dark grayish bluish green	None	12.5	32.9	<1	0.6	<0.65	<0.69
			Deep layer				19.9	17.4	-	None			33.1	4	1.9	<0.65	<0.69
			Surface layer	2018/9/12	Sunny	17.8	18.8	21.4	0.5	Dark grayish bluish green	None	4.5	29.9	2	1.1	<0.69	<0.54
			Deep layer				20.7	17.8	-	None			32.0	1	0.7	<0.63	<0.66
			Surface layer	2018/10/12	Cloudy	18.5	18.6	21.3	0.5	Dark grayish bluish green	None	15.0	32.5	<1	0.5	<0.79	<0.63
			Deep layer				21.6	17.6	-	None			33.0	1	0.5	<0.69	<0.88
			Surface layer	2018/11/16	Sunny	8.0	17.3	16.4	0.5	Dark grayish green	None	4.3	32.1	2	1.3	<0.77	<0.75
			Deep layer				16.9	16.3	-	None			33.2	3	1.5	<0.69	<0.69
			Surface layer	2018/12/11	Cloudy	8.3	17.6	17.2	0.5	Dark grayish bluish green	None	12.2	32.6	1	0.3	<0.68	<0.85
			Deep layer				17.5	16.6	-	None			33.2	<1	0.3	<0.66	<0.63
			Surface layer	2019/1/19	Sunny	3.7	20.7	12.3	0.5	Dark grayish bluish green	None	9.8	32.0	1	0.4	<0.86	<0.63
			Deep layer				12.5	19.7	-	None			33.0	1	0.7	<0.85	<0.75
			Surface layer	2019/2/15	Sunny	2.1	18.0	11.5	0.5	Dark grayish bluish green	None	11.7	32.7	2	0.5	<0.70	<0.89
			Deep layer				11.7	17.0	-	None			33.0	1	0.5	<0.86	<0.88
221	Onahama Port	Approx. 400 m north of West breakwater No. 2	Surface layer	2018/5/18	Sunny	19.7	16.3	18.7	0.5	Dark grayish yellow green	None	3.1	28.1	2	1.1	<0.76	<0.88
			Deep layer				15.5	15.3	-	None			33.5	2	0.8	<0.69	<0.75
			Surface layer	2018/6/15	Rain	16.0	16.2	19.0	0.5	Dark grayish yellowish green	None	3.2	29.3	2	1.2	<0.65	<0.70
			Deep layer				16.7	15.2	-	None			32.8	13	5.7	<0.83	<0.61
			Surface layer	2018/7/13	Cloudy	23.0	15.8	22.1	0.5	Dark grayish yellowish green	None	2.1	18.4	4	2.0	<0.57	<0.92
			Deep layer				16.6	14.8	-	None			30.9	1	0.8	<0.60	<0.75
			Surface layer	2018/8/2	Sunny	26.6	16.2	25.9	0.5	Dark grayish yellow green	None	3.7	31.2	1	0.8	<0.69	<0.75
			Deep layer				20.5	15.2	-	None			33.0	4	2.4	<0.71	<0.80
			Surface layer	2018/9/12	Cloudy	20.2	16.8	21.8	0.5	Dark grayish yellow green	None	3.0	29.3	1	1.0	<0.63	<0.54
			Deep layer				20.9	15.8	-	None			32.8	2	1.4	<0.74	<0.47
			Surface layer	2018/10/12	Cloudy	19.3	16.8	21.2	0.5	Dark grayish yellow green	None	6.2	29.7	1	0.9	<0.70	<0.75
			Deep layer				21.0	15.8	-	None			32.2	2	1.4	<0.69	<0.84
			Surface layer	2018/11/9	Cloudy	16.7	16.8	18.5	0.5	Dark grayish yellowish green	None	3.5	31.1	1	1.0	<0.73	<0.78
			Deep layer				19.1	15.8	-	None			32.9	3	2.0	<0.69	<0.74
			Surface layer	2018/12/13	Sunny	7.5	17.0	15.0	0.5	Dark grayish yellowish green	None	7.0	31.9	1	0.7	<0.74	<0.80
			Deep layer				15.4	16.0	-	None			32.5	3	2.0	<0.80	<0.69
			Surface layer	2019/1/15	Sunny	4.2	16.7	12.1	0.5	Dark grayish green	None	7.6	32.0	1	0.6	<0.80	<0.88
			Deep layer				12.8	15.7	-	None			32.8	3	1.7	<0.83	<0.88
			Surface layer	2019/2/8	Sunny	4.2	16.6	11.6	0.5	Dark grayish yellowish green	None	5.1	31.8	2	1.2	<0.51	<0.80
			Deep layer				12.3	15.6	-	None			32.8	4	1.9	<0.70	<0.88
222	Joban coastal sea area	Approx. 1,000 m offshore of Binda River	Surface layer	2018/5/18	Cloudy	19.8	18.7	17.4	0.5	Dark grayish bluish green	None	6.0	32.9	1	0.6	<0.73	<0.61
			Deep layer				17.7	17.7	-	None			33.2	<1	0.4	<0.73	<0.61
			Surface layer	2018/6/15	Rain	16.1	17.4	18.5	0.5	Dark grayish green	None	4.9	30.0	1	0.9	<0.77	<0.63
			Deep layer				17.2	16.4	-	None			32.8	2	1.4	<0.58	<0.84
			Surface layer	2018/7/13	Sunny	24.2	17.5	21.2	0.5	Dark grayish green	None	4.2	28.0	2	0.9	<0.89	<0.80
			Deep layer				16.0	16.5	-	None			30.9	2	0.7	<0.70	<0.75
			Surface layer	2018/8/2	Sunny	30.8	16.9	26.4	0.5	Dark grayish bluish green	None	6.0	32.4	1	0.9	<0.65	<0.55
			Deep layer				21.4	15.9	-	None			33.0	2	1.2	<0.77	<0.66
			Surface layer	2018/9/12	Sunny	23.0	18.0	22.2	0.5	Dark grayish bluish green	None	4.0	31.2	1	0.6	<0.71	<0.88
			Deep layer				21.9	17.0	-	None			32.9	<1	0.4	<0.86	<0.75
			Surface layer	2018/10/12	Cloudy	16.4	18.3	21.6	0.5	Dark grayish bluish green	None	7.8	30.5	1	0.8	<0.71	<0.88
			Deep layer				20.9	17.3	-	None			33.0	2	1.2	<0.73	<0.75
			Surface layer	2018/11/12	Cloudy	13.9	18.8	18.4	0.5	Dark grayish green	None	5.0	32.1	2	1.2	<0.65	<0.75
			Deep layer				18.6	17.8	-	None			32.4	1	1.2	<0.79	<0.75
			Surface layer	2018/12/13	Sunny	10.4	18.8	15.9	0.5	Dark grayish green	None	6.5	32.5	2	0.8	<0.81	<0.84
			Deep layer				16.6	17.8	-	None			33.3	4	1.3	<0.73	<0.80
			Surface layer	2019/1/19	Sunny	6.3	17.9	11.9	0.5	Dark grayish bluish green	None	5.5	32.5	2	0.7	<0.68	<0.88
			Deep layer				13.4	16.9	-	None			33.3	2	0.8	<0.58	<0.63
			Surface layer	2019/2/8	Sunny	5.0	18.5	12.1	0.5	Dark grayish green	None	5.6	31.5	3	1.4	<0.83	<0.84
			Deep layer				12.8	17.5	-	None			33.1	4	1.4	<0.88	<0.84

# Fukushima Coastal (Sediment/Aizu Area) 1/3

Location				Sediment																		Remarks					
No.	Water area	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	General items												Sediment content		Density			Property		Activity concentration [Bq/kg(dry)]		
						Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution(%)						Silt	Clay	(%)	(g/cm <sup>3</sup> )	Sand	Silt/sand		Radioactive cesium		Total		
Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand					Cs-134	Cs-137																
208	Neighboring sea area of Soo	Approx. 2,000 m offshore of Tsurushima Fishing Port	2018/5/25	Sunny	17.4	14.9	13.5	10	Yellowish gray	None	0.0	0.0	0.0	0.1	7.1	88.7	0.3	3.9	76.0	2.790	Sand	<0.47	2.3	2.3			
			2018/6/14	Sunny	21.7	14.0	17.0	5	Blackish brown	None	0.0	0.0	0.1	0.3	5.7	88.7	2.9	3.9	78.1	2.801	Sand	<3.5	3.7	3.7			
			2018/7/6	Rain	17.9	16.0	17.2	5	Blackish brown	None	0.0	0.0	0.1	0.4	7.9	85.5	2.8	3.4	75.4	2.651	Sand	<0.47	2.6	2.6			
			2018/8/6	Rain	24.0	15.0	24.3	5	Blackish brown	None	0.0	0.0	0.0	0.6	7.1	85.5	2.9	3.9	75.7	2.692	Sand	<0.48	1.9	1.9			
			2018/9/4	Cloudy	21.6	15.0	21.7	7	Blackish brown	None	0.0	0.0	0.0	0.2	6.2	89.7	1.0	2.9	77.4	2.913	Sand	<0.47	1.4	1.4			
			2018/10/4	Sunny	17.2	15.0	21.9	5	Blackish brown	None	0.0	0.1	0.3	0.5	8.3	79.0	8.5	3.4	70.6	2.681	Sand	<2.8	5.0	5.0			
			2018/11/5	Cloudy	13.6	15.1	17.9	5	Blackish brown	None	0.0	0.0	0.0	0.1	7.6	84.5	3.0	4.9	74.8	2.707	Sand	<0.48	2.9	2.9			
			2018/12/4	Cloudy	13.4	15.8	14.6	8	Blackish brown	None	0.0	0.0	0.0	0.3	7.5	88.2	2.0	2.0	77.4	2.776	Sand	<0.55	1.8	1.8			
			2019/1/22	Sunny	1.7	17.0	7.9	5	Blackish brown	None	0.0	0.0	0.0	0.1	9.1	85.0	2.0	3.8	74.7	2.688	Sand	<0.48	2.0	2.0			
			2019/2/14	Sunny	40.4	14.7	8.1	6	Blackish brown	None	0.0	0.0	0.0	0.2	4.8	86.3	2.9	5.8	74.6	2.693	Sand	<2.5	3.6	3.6			
			2018/5/25	Sunny	23.0	3.3	18.4	7	Gray	None	0.0	0.1	0.1	0.2	75.5	20.9	1.0	3.8	76.2	2.742	Sand	<5.3	6.0	6.0			
			2018/6/13	Sunny	27.4	2.6	20.2	3	Brownish gray	None	0.0	0.2	1.2	8.5	83.4	2.8	0.7	3.3	74.1	2.687	Sand	<0.53	4.2	4.2			
			2018/7/6	Rain	18.2	2.2	19.3	5	Gray	Faint sewage	0.0	0.2	0.5	0.7	21.3	63.6	8.9	4.8	68.6	2.693	Sand/silt	<6.1	13	13			
			2018/8/6	Rain	22.0	2.1	25.9	5	Brownish gray	Faint sewage	0.0	0.0	0.5	1.6	22.8	66.3	3.6	5.3	74.1	2.677	Sand/silt	<5.9	43	43			
			2018/9/4	Sunny	24.2	2.0	23.2	3	Blackish gray	None	0.0	0.8	1.5	2.0	18.3	69.6	3.2	4.6	71.7	2.735	Sand/silt	<5.5	24	24			
2018/10/4	Sunny	19.8	2.4	20.7	5	Dull yellowish brown	None	0.0	0.0	0.0	0.2	35.9	58.0	1.1	4.9	74.8	2.696	Sand/silt	<3.9	15	15						
2018/11/5	Cloudy	14.6	2.1	15.5	5	Black	Faint sewage	0.0	0.4	0.9	1.6	13.8	69.0	6.1	8.2	72.1	2.718	Silt/sand	8.6	110	118.6						
2018/12/4	Cloudy	15.2	2.6	14.6	5	Olive black	None	0.0	0.7	2.2	3.2	14.0	65.4	5.9	6.6	74.1	2.701	Sand/silt	5.8	98	63.8						
2019/1/22	Sunny	2.8	3.5	7.0	3	Blackish brown	None	0.0	1.9	2.1	2.2	10.3	69.5	6.6	7.5	70.6	2.701	Sand/silt	9.8	100	109.8						
2019/2/14	Sunny	2.1	3.3	7.2	3	Grayish yellowish brown	None	0.0	0.0	0.0	0.6	68.6	25.0	2.0	3.9	73.4	2.711	Sand	<4.5	6.7	6.7						
210	Neighboring sea area of Soo	Approx. 2,000 m offshore of Mano River	2018/5/24	Sunny	17.8	19.7	14.0	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	6.8	64.3	25.9	3.0	75.0	2.700	Sand	<5.2	11	11			
			2018/6/14	Sunny	18.8	19.5	18.0	6	Blackish brown	None	0.0	0.0	0.0	0.0	7.3	57.0	31.6	4.0	73.4	2.635	Sand	<4.8	9.8	9.8			
			2018/7/9	Cloudy	21.7	19.0	16.0	7	Blackish brown	None	0.0	0.0	0.1	11.2	51.2	32.2	5.4	66.7	2.624	Sand/silt	<7.3	77	77				
			2018/8/21	Sunny	23.3	19.5	20.4	5	Blackish brown	None	0.0	0.0	0.0	0.0	6.9	62.5	26.6	4.0	73.7	2.668	Sand	<5.7	15	15			
			2018/9/7	Cloudy	23.0	19.6	20.3	7	Blackish brown	None	0.0	0.0	0.1	5.7	58.5	30.6	5.5	71.1	2.676	Sand	<5.4	24	24				
			2018/10/3	Cloudy	20.2	19.7	20.5	5	Blackish brown	None	0.0	0.0	0.0	0.0	5.9	64.3	24.8	5.0	73.0	2.693	Sand	<4.3	9.7	9.7			
			2018/11/6	Cloudy	15.7	19.7	17.7	5	Blackish brown	None	0.0	0.0	0.1	6.4	60.8	27.4	5.3	71.2	2.722	Sand	<5.0	16	16				
			2018/12/4	Cloudy	11.9	19.4	13.8	7	Blackish brown	None	0.0	0.0	0.0	0.1	7.4	58.9	29.6	4.0	70.0	2.698	Sand	<6.2	22	22			
			2019/1/25	Sunny	2.2	19.8	7.9	6	Blackish brown	None	0.0	0.1	0.0	0.0	10.7	61.4	22.9	5.0	76.1	2.681	Sand	<4.8	12	12			
			2019/2/13	Sunny	1.4	20.1	8.4	7	Blackish brown	None	0.0	0.0	0.0	0.3	40.7	23.4	6.0	6.0	76.4	2.689	Sand	<6.9	14	14			
			2018/5/24	Sunny	17.4	8.5	15.1	5	Dark grayish yellow	None	0.0	0.0	0.0	0.2	5.8	71.5	20.1	2.4	74.9	2.721	Sand	<4.7	27	27			
			2018/6/14	Sunny	18.9	7.4	18.1	3	Blackish brown	None	0.0	0.0	0.0	0.2	2.7	67.6	25.2	4.3	73.9	2.739	Sand	<7.8	39	39			
			2018/7/9	Cloudy	21.1	8.0	19.0	5	Blackish brown	None	0.0	0.0	0.0	0.1	0.9	67.1	29.6	2.4	74.4	2.738	Sand	<7.7	38	38			
			2018/8/21	Cloudy	23.9	8.7	21.9	5	Blackish brown	None	0.0	0.0	0.0	0.0	3.2	63.3	29.5	4.0	75.0	2.659	Sand	<5.5	44	44			
			2018/9/7	Cloudy	23.1	8.5	21.1	5	Blackish brown	None	0.0	0.0	0.0	0.0	1.8	40.4	52.3	5.5	70.6	2.650	Sand	1.7	170	187			
2018/10/3	Cloudy	20.0	8.4	21.0	5	Blackish brown	None	0.0	0.0	0.0	0.0	2.3	55.1	38.7	3.9	70.8	2.673	Sand	<5.2	80	80						
2018/11/6	Cloudy	15.4	8.2	18.0	5	Blackish brown	None	0.0	0.0	0.0	0.3	4.1	62.4	28.0	5.3	73.1	2.702	Sand	<9.5	55	55						
2018/12/4	Cloudy	11.3	8.3	14.6	7	Blackish brown	None	0.0	0.0	0.0	0.1	3.6	60.8	31.5	4.0	75.4	2.715	Sand	5.7	58	63.7						
2019/1/25	Sunny	2.1	8.8	8.5	6	Blackish brown	None	0.0	0.0	0.0	0.0	3.5	58.3	33.2	4.9	72.6	2.688	Sand	7.4	76	83.1						
2019/2/13	Sunny	1.3	8.8	9.6	6	Blackish brown	None	0.0	0.0	0.0	0.0	0.6	48.6	45.8	5.0	68.8	2.661	Sand	<8.5	91	91						
212	Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Ono River	2018/5/24	Sunny	17.5	11.3	14.4	5	Dark grayish yellow	None	0.0	0.0	0.0	0.2	5.8	82.6	8.1	3.4	75.7	2.742	Sand	<4.6	8.0	8.0			
			2018/6/14	Sunny	17.3	10.8	18.2	5	Blackish brown	None	0.0	0.2	0.3	8.2	79.0	9.5	2.9	74.4	2.804	Sand	<5.1	7.7	7.7				
			2018/7/9	Cloudy	21.1	11.0	19.3	5	Blackish brown	None	0.0	0.0	0.0	0.1	5.2	83.7	8.0	3.0	74.6	2.720	Sand	<4.3	11	11			
			2018/8/21	Cloudy	23.3	10.4	21.2	5	Blackish brown	None	0.0	0.0	0.0	0.0	1.9	81.5	13.2	3.3	74.7	2.724	Sand	<4.5	18	18			
			2018/9/7	Cloudy	23.7	10.7	21.1	7	Blackish brown	None	0.0	0.0	0.1	4.1	79.4	12.5	4.0	74.9	2.721	Sand	<6.0	31	31				
			2018/10/3	Cloudy	18.7	11.1	20.8	5	Blackish brown	None	0.0	0.1	0.3	12.0	72.5	11.2	3.9	74.5	2.768	Sand	<5.1	14	14				
			2018/11/6	Cloudy	14.8	10.8	18.0	5	Blackish brown	None	0.0	0.0	0.0	0.1	3.9	77.9	12.8	5.3	71.9	2.766	Sand	<6.6	23	23			
			2018/12/4	Cloudy	11.5	10.8	14.0	5	Blackish brown	None	0.0	0.0	0.0	0.1	4.0	78.1	13.8	3.9	74.3	2.755	Sand	<5.0	18	18			
			2019/1/25	Sunny	2.1	11.0	8.5	5	Blackish brown	None	0.0	0.0	0.0	0.3	7.1	77.6	11.1	3.9	74.4	2.811	Sand	<5.4	14	14			
			2019/2/13	Sunny	0.3	11.3	8.8	5	Blackish brown	None	0.0	0.0	0.1	2.7	84.4	8.8	3.9	73.7	2.729	Sand	<6.5	15	15				
			2018/5/23	Cloudy	16.4	11.3	14.7	5	Dark grayish yellow	None	0.0	0.0	0.1	1.9	85.5	9.1	3.4	71.0	2.719	Sand	<7.7	17	17				
			2018/6/15	Cloudy	15.6	10.8	17.8	3	Blackish brown	None	0.0	0.0	0.0	0.1	3.2	87.9	4.9	4.0	73.1	2.685	Sand	<6.4	13	13			
			2018/7/10	Cloudy	23.7	11.3	20.3	5	Blackish brown	None	0.0	0.0	0.1	2.0	83.3	11.6	3.0	72.7	2.678	Sand	<6.7	20	20				
			2018/8/20	Sunny	20.8	11.9	20.7	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.4	73.0	23.7	3.0	69.6	2.629	Sand	<6.3	61	61			
			2018/9/6	Sunny	24.3	11.4	20.6	5	Blackish brown	None	0.0	0.0	0.0	0.1	1.7	81.9	12.3	4.1	68.9	2.636	Sand	7.4	61	68.4			
2018/10/5	Sunny	20.2	11.7	20.9	5	Blackish brown	None	0.0	0.0	0.0	0.0	1.6	83.7														

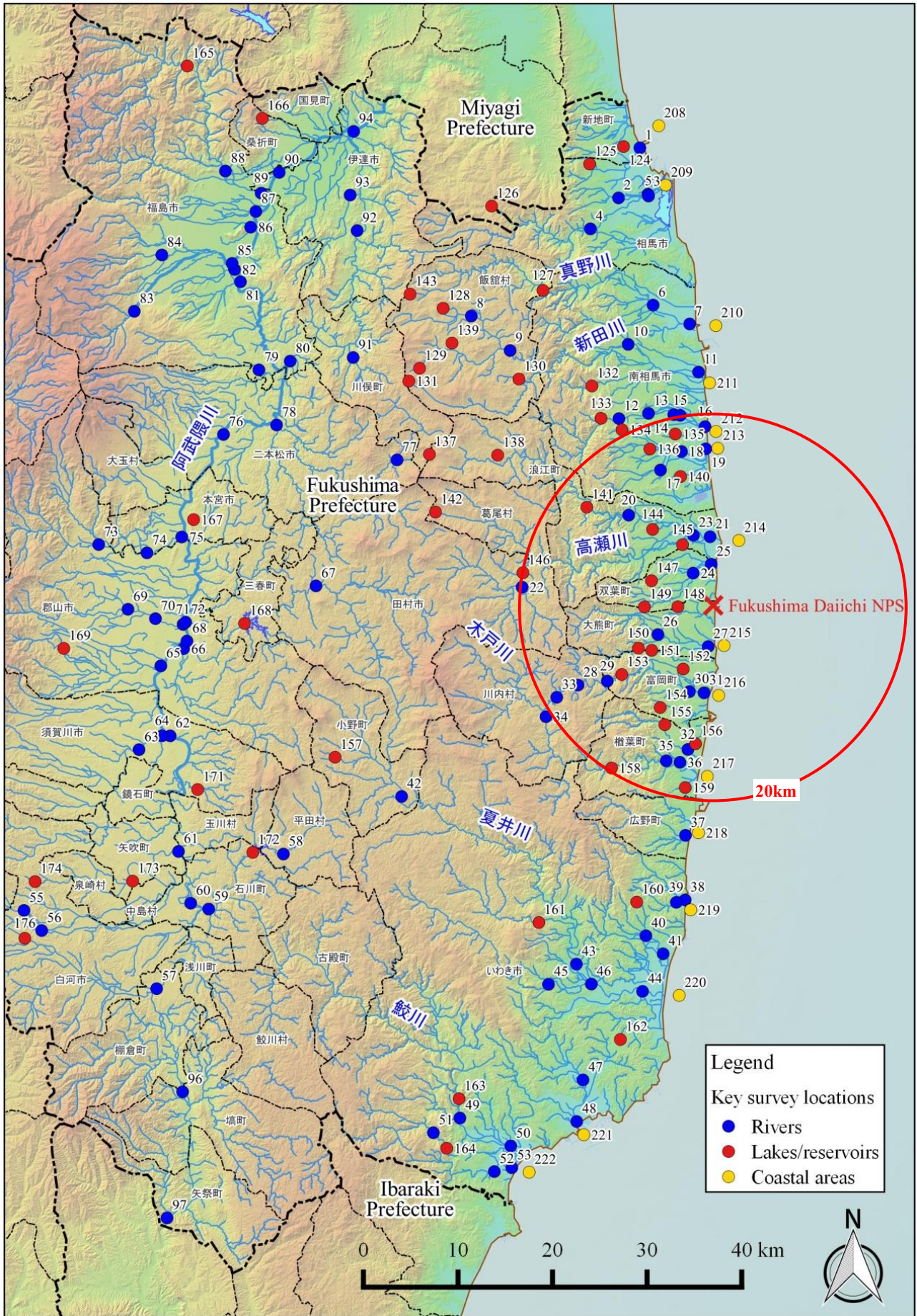
# Fukushima Coastal (Sediment/Aizu Area) 2/3

Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																Activity concentration [Bq/kg(dry)]			Remarks
						Sediment temperature (°C)	Sample length (cm)	Color	Odor	General items						Sediment content (%)	Density (g/cm <sup>3</sup> )	Property	Radioactive cesium						
										Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)		Silt				Clay	Cs-134	Cs-137	Total			
													Coarse sand	Medium sand											
No.	Water area																								
214	Approx. 2,000 m offshore of Ukedo River	2018/5/23	Cloudy	17.0	16.1	14.8	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	2.9	48.0	43.6	5.5	70.7	2.673	Sand	11	97	108		
		2018/6/15	Rain	16.5	16.3	16.7	5	Blackish brown	None	0.0	0.0	0.0	0.2	6.2	49.4	40.1	4.0	73.9	2.641	Sand	10	110	120		
		2018/7/10	Sunny	22.6	15.3	19.5	5	Blackish brown	None	0.0	0.0	0.0	0.1	8.0	62.0	26.9	3.0	73.7	2.652	Sand	8.8	87	95.8		
		2018/8/20	Sunny	21.4	16.7	20.8	5	Blackish brown	None	0.0	0.0	0.0	0.2	18.0	69.1	18.7	4.0	74.7	2.674	Sand	<5.4	67	67		
		2018/9/6	Sunny	25.2	16.7	20.1	7	Blackish brown	None	0.0	0.0	0.0	0.0	2.4	57.0	37.6	3.0	72.7	2.664	Sand	<6.2	71	71		
		2018/10/5	Sunny	19.7	16.6	20.8	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.3	34.1	57.5	8.1	65.2	2.589	Sand	20	170	190		
		2018/11/7	Sunny	14.3	17.1	17.7	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.2	49.2	43.5	7.2	45.2	2.629	Silt/sand	29	340	369		
		2018/12/3	Cloudy	10.3	15.8	13.8	6	Blackish brown	None	0.0	0.0	0.0	0.0	7.6	55.5	32.5	4.4	70.4	2.703	Sand	10	140	150		
		2019/1/18	Sunny	2.4	15.9	11.8	5	Blackish brown	None	0.0	0.0	0.0	0.0	2.9	54.6	38.5	4.0	70.1	2.649	Sand	11	120	131		
		2019/2/12	Sunny	3.2	15.8	10.4	7	Blackish brown	None	0.0	0.0	0.0	0.0	3.2	50.3	41.2	5.3	65.7	2.649	Sand	18	180	198		
2018/5/22	Sunny	16.0	12.4	15.4	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	2.6	83.1	9.7	4.5	74.3	2.707	Sand	10	130	140				
2018/6/13	Sunny	18.2	12.2	17.5	7	Dark grayish yellow	None	0.0	0.0	0.0	0.1	3.0	87.8	6.3	2.9	74.2	2.759	Sand	11	99	110				
2018/7/11	Cloudy	22.9	11.8	19.8	5	Blackish brown	None	0.0	0.0	0.1	4.4	85.4	6.7	3.4	74.4	2.703	Sand	6.7	97	103.7					
2018/8/6	Cloudy	24.3	12.4	24.1	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	2.3	81.7	11.9	4.0	72.1	2.633	Sand	17	170	187				
2018/9/10	Rain	19.4	12.8	21.5	7	Blackish brown	None	0.0	0.1	0.0	0.0	2.2	80.2	13.0	4.4	64.9	2.669	Sand	20	200	220				
2018/10/10	Sunny	19.6	12.8	21.2	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	1.8	81.1	13.7	3.4	72.9	2.728	Sand	11	100	111				
2018/11/7	Cloudy	13.7	12.3	17.7	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	1.5	84.7	8.9	4.9	73.1	2.720	Sand	9.2	110	119.2				
2018/12/10	Sunny	5.1	12.8	11.7	7	Dark grayish yellow	None	0.0	0.0	0.0	0.1	9.1	82.4	4.5	3.9	72.7	2.740	Sand	8.3	85	93.3				
2019/1/17	Sunny	3.9	12.8	11.7	5	Blackish brown	None	0.0	0.0	0.0	0.1	3.2	80.5	11.9	4.4	74.8	2.696	Sand	9.7	120	129.7				
2019/2/6	Cloudy	4.9	12.4	11.3	5	Blackish brown	None	0.0	0.0	0.0	0.1	3.4	71.0	20.6	4.9	74.5	2.736	Sand	10	130	140				
2018/5/22	Sunny	17.7	10.8	16.2	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	1.2	67.7	25.2	5.9	68.9	2.664	Sand	30	290	320				
2018/6/13	Sunny	18.3	10.2	17.6	10	Dark grayish yellow	None	0.0	0.0	0.0	0.0	1.3	69.2	24.6	4.9	70.8	2.715	Sand	23	250	273				
2018/7/11	Cloudy	22.5	9.8	18.2	5	Blackish brown	None	0.0	0.0	0.0	0.1	1.2	61.0	33.3	4.4	70.5	2.620	Sand	24	270	294				
2018/8/6	Cloudy	24.0	10.4	23.5	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.9	76.8	19.3	3.0	72.3	2.645	Sand	19	200	219				
2018/9/10	Rain	19.5	11.3	21.9	5	Blackish brown	None	0.0	0.0	0.5	4.2	78.3	14.0	3.0	72.2	2.701	Sand	16	200	216					
2018/10/10	Sunny	19.3	11.8	20.8	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	2.0	77.3	17.7	3.0	71.8	2.681	Sand	16	160	176				
2018/11/7	Cloudy	14.7	10.4	17.2	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	1.6	72.5	21.0	5.0	73.5	2.672	Sand	15	190	205				
2018/12/10	Sunny	5.0	11.1	10.3	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	3.6	77.6	14.8	3.9	73.6	2.721	Sand	12	110	122				
2019/1/17	Sunny	2.9	10.5	11.9	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.8	54.5	38.9	5.9	65.6	2.625	Sand	29	290	319				
2019/2/6	Cloudy	6.1	10.9	11.3	6	Blackish brown	None	0.0	0.0	0.0	0.1	1.3	49.5	42.8	6.4	66.7	2.654	Sand	24	280	304				
2018/5/21	Cloudy	12.5	10.4	15.6	5	Dark grayish yellow	None	0.0	0.0	0.0	0.2	1.2	77.5	17.1	4.0	72.0	2.716	Sand	8.0	110	118.0				
2018/6/14	Sunny	16.7	12.3	17.6	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.2	75.9	20.8	3.0	73.7	2.694	Sand	9.1	95	104.1				
2018/7/12	Cloudy	24.5	9.3	19.8	6	Blackish brown	None	0.0	0.0	0.0	0.3	0.8	73.3	23.2	2.4	74.0	2.675	Sand	14	150	164				
2018/8/3	Sunny	25.2	12.6	19.2	5	Dark grayish yellow	None	0.0	0.0	0.0	0.2	1.2	41.1	50.2	7.3	64.3	2.582	Sand	18	220	238				
2018/9/13	Cloudy	24.3	10.5	21.8	6	Blackish brown	None	0.0	0.0	0.1	0.3	0.8	57.9	35.1	5.8	72.2	2.716	Sand	14	120	134				
2018/10/11	Cloudy	19.6	11.4	20.1	5	Yellowish gray	None	0.0	0.1	0.3	1.4	72.6	22.6	2.9	73.1	2.781	Sand	6.3	71	77.3					
2018/11/3	Cloudy	13.5	11.7	16.3	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	1.0	74.0	21.0	3.9	73.5	2.766	Sand	6.7	62	68.7				
2018/12/11	Sunny	3.0	11.5	11.4	5	Dark grayish yellow	None	0.0	0.3	0.9	2.6	29.2	59.7	3.0	4.3	76.4	2.708	Sand	<5.0	14	14				
2019/1/17	Sunny	9.2	10.2	12.8	7	Dark brown	None	0.0	0.5	4.7	14.6	72.6	4.0	0.6	3.1	77.3	2.681	Sand	<5.5	6.2	6.2				
2019/2/7	Sunny	8.0	10.2	11.1	6	Blackish brown	None	0.0	0.0	0.0	0.4	14.7	73.7	7.4	3.9	77.0	2.775	Sand	<5.1	8.9	8.9				
218	Approx. 1,000 m offshore of Asami River Estuary	2018/5/21	Cloudy	16.2	11.4	15.6	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.4	87.6	8.1	3.9	69.9	2.677	Sand	7.4	47	54.4		
		2018/6/14	Sunny	16.9	11.0	18.1	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.4	87.8	7.8	4.0	72.8	2.658	Sand	<6.8	50	50		
		2018/7/12	Cloudy	22.4	9.2	18.2	5	Blackish brown	None	0.0	0.0	0.0	0.1	0.3	86.7	8.9	4.0	72.4	2.668	Sand	<6.1	62	62		
		2018/8/3	Sunny	25.4	11.5	20.3	7	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.3	88.7	7.7	3.4	72.1	2.653	Sand	<5.5	50	50		
		2018/9/13	Cloudy	24.8	10.2	22.3	6	Blackish brown	None	0.0	0.0	0.0	0.0	0.7	91.8	3.8	3.6	71.4	2.655	Sand	<6.6	55	55		
		2018/10/11	Cloudy	19.8	11.7	20.4	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	1.1	90.1	4.7	4.0	68.3	2.636	Sand	<6.2	70	70		
		2018/11/13	Cloudy	14.3	11.6	15.8	5	Dark grayish yellow	None	0.0	0.0	0.0	0.1	0.5	89.5	6.0	3.9	71.1	2.680	Sand	<7.1	55	55		
		2018/12/11	Sunny	3.6	11.0	12.7	7	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.9	92.9	2.1	4.0	72.7	2.656	Sand	<6.0	57	57		
		2019/1/17	Sunny	8.3	10.8	12.5	5	Blackish brown	None	0.0	0.0	0.0	0.2	1.5	90.4	3.7	4.3	70.7	2.641	Sand	<8.4	75	75		
		2019/2/7	Sunny	9.3	10.2	11.8	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.5	90.8	4.8	3.9	74.0	2.663	Sand	<6.9	62	62		
219	Approx. 1,000 m offshore of Ohsa River Estuary	2018/5/21	Sunny	19.1	11.1	17.2	5	Dark grayish yellow	None	0.0	0.3	0.1	0.0	0.5	89.2	5.8	4.0	74.9	2.693	Sand	<5.3	33	33		
		2018/6/14	Sunny	19.4	10.4	17.6	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.4	92.4	4.2	3.0	74.6	2.725	Sand	<5.1	26	26		
		2018/7/12	Cloudy	26.8	9.8	19.3	5	Blackish brown	None	0.0	0.0	0.0	0.3	89.1	8.3	2.4	74.9	2.714	Sand	<5.0	32	32			
		2018/8/3	Sunny	25.9	11.2	22.6	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.5	89.5	7.0	3.0	73.3	2.660	Sand	<6.0	26	26		
		2018/9/13	Cloudy	25.9	11.3	22.2	5	Blackish brown	None	0.0	0.1	0.0	0.0	0.6	91.5	3.9	3.9	74.2	2.656	Sand	<5.7	30	30		
		2018/10/11	Cloudy	19.8	10.7	20.8	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.5	93.2	2.0	4.3	72.							

# Fukushima Coastal (Sediment/Aizu Area)3/3

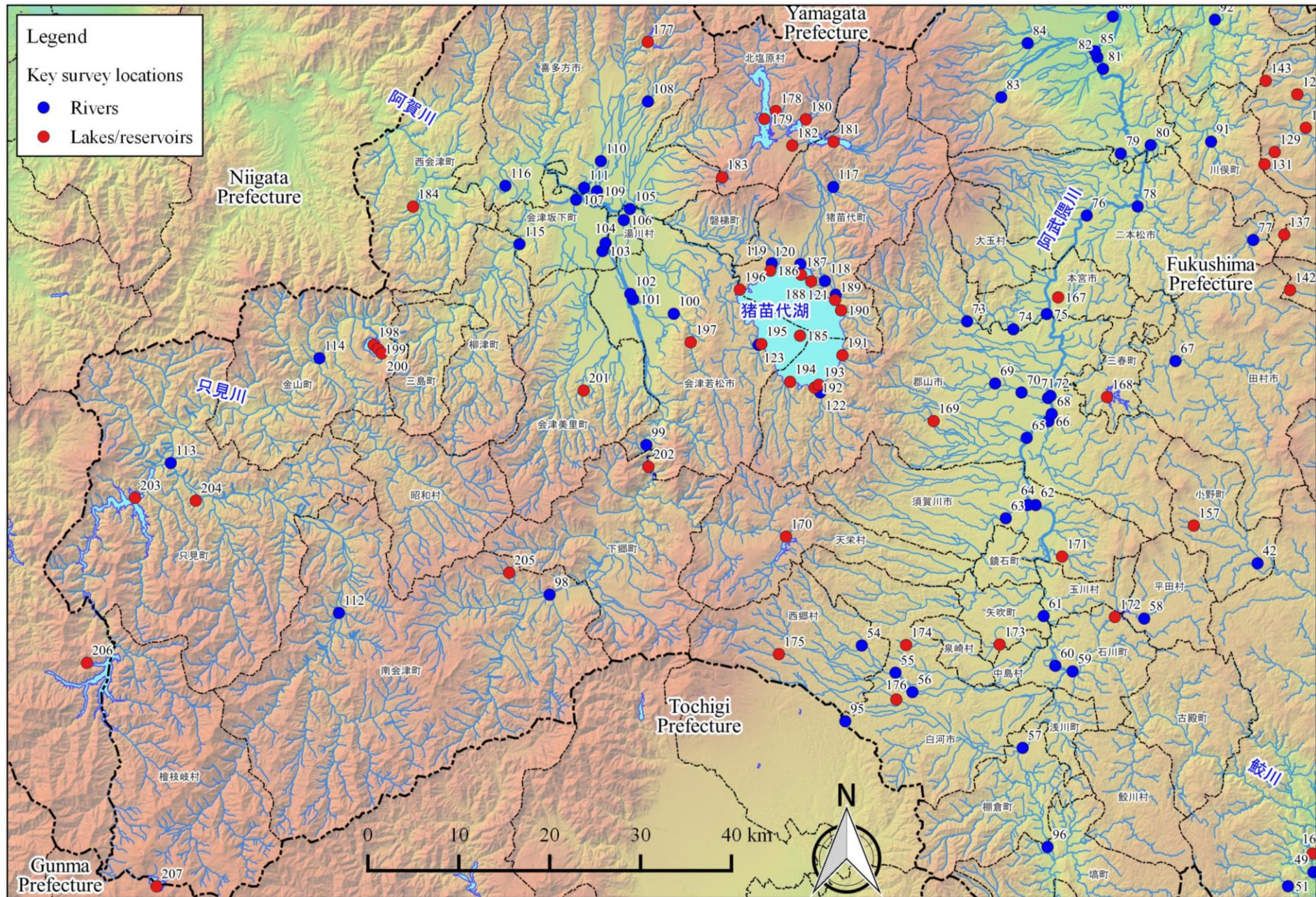
Location				Sediment																			Remarks								
No.	Water area	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	General items													Sediment content (%)			Density (g/cm <sup>3</sup> )			Property			Activity concentration [Bq/kg(dry)]			
						Sediment temperature (°C)	Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)			Silt	Clay	Sediment content (%)			Density (g/cm <sup>3</sup> )			Property			Radioactive cesium				
C o a s t a l	220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsui River	2018/5/18	Cloudy	16.0	19.2	15.3	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.3	93.0	3.8	2.9	73.9	2.731	Sand	<5.5	15	15						
				2018/6/15	Cloudy	16.3	18.1	16.0	5	Dark grayish yellow	None	0.0	0.0	0.1	0.0	0.3	93.6	2.1	3.9	74.8	2.726	Sand	<6.4	13	13						
				2018/7/13	Cloudy	22.5	17.0	16.7	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.3	94.0	2.8	3.0	74.5	2.714	Sand	<4.8	18	18						
				2018/8/2	Sunny	25.5	18.4	21.4	7	Dark grayish yellow	None	0.0	0.0	0.0	0.1	0.3	93.1	2.3	4.3	74.7	2.726	Sand	<5.1	11	11						
				2018/9/12	Sunny	17.8	18.8	21.6	5	Olive black	None	0.0	0.0	0.0	0.0	0.2	93.9	3.8	2.0	73.0	2.724	Sand	<5.2	18	18						
				2018/10/12	Cloudy	18.5	18.6	21.1	5	Yellowish gray	None	0.0	0.0	0.0	0.0	0.3	93.2	2.2	4.3	75.2	2.699	Sand	<5.5	9.5	9.5						
				2018/11/16	Sunny	8.0	17.3	16.0	8	Dark grayish yellow	None	0.0	0.0	0.0	0.0	0.2	92.7	3.3	3.8	74.6	2.733	Sand	<5.3	13	13						
				2018/12/11	Cloudy	8.3	17.6	16.3	10	Dark grayish yellow	None	0.0	0.0	0.0	0.1	73.7	21.4	2.9	1.9	75.0	2.695	Sand	<5.0	13	13						
				2019/1/19	Sunny	3.7	20.7	11.7	5	Blackish brown	None	0.0	0.0	0.0	0.0	0.2	93.9	2.0	3.9	76.2	2.741	Sand	<7.1	8.8	8.8						
				2019/2/15	Sunny	2.1	18.0	10.8	7	Blackish brown	None	0.0	0.0	0.0	0.1	0.2	91.8	2.0	5.8	74.4	2.703	Sand	<5.3	14	14						
	221	Onahama Port	Approx. 400 m north of West breakwater No. 2	2018/5/18	Sunny	19.7	16.3	14.8	7	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.2	28.2	48.8	22.9	42.5	2.606	Silt/sand	47	390	437						
				2018/6/15	Rain	16.0	16.2	16.1	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.1	23.2	47.2	29.4	40.2	2.564	Silt/sand	36	300	336						
				2018/7/13	Cloudy	23.0	15.8	15.0	10	Olive black	None	0.0	0.0	0.0	0.0	0.4	39.5	36.7	23.4	48.3	2.569	Silt	21	280	301						
				2018/8/2	Sunny	26.6	16.2	18.5	7	Olive black	Faint hydrogen sulfide	0.0	0.0	0.0	0.0	0.5	32.4	45.8	21.3	41.2	2.562	Silt/sand	28	320	348						
				2018/9/12	Cloudy	20.2	16.8	21.0	8	Olive black	None	0.0	0.1	0.1	0.0	0.5	36.1	45.6	17.6	45.0	2.576	Silt	35	310	345						
				2018/10/12	Cloudy	19.3	16.8	20.8	5	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.5	37.0	36.0	26.4	46.3	2.540	Silt/sand	27	270	297						
				2018/11/19	Cloudy	16.7	16.8	19.2	7	Olive black	Faint sewage	0.0	0.0	0.0	0.0	0.3	37.3	40.0	22.5	47.9	2.587	Silt/sand	27	340	367						
				2018/12/13	Sunny	7.5	17.0	15.7	7	Olive black	Faint sewage	0.0	0.0	0.0	0.1	0.6	25.6	46.2	27.5	38.9	2.598	Silt/sand	20	230	250						
				2019/1/15	Sunny	4.2	16.7	13.0	10	Gray	None	0.0	0.0	0.0	0.0	0.2	23.6	48.1	28.1	41.5	2.595	Silt	28	270	298						
				2019/2/8	Sunny	4.2	16.6	12.4	10	Blackish brown	Faint sewage	0.0	0.0	0.0	0.2	0.8	43.1	31.0	24.9	49.1	2.591	Silt/sand	18	230	248						
222	Joban coastal sea area	Approx. 1,000 m offshore of Binda River	2018/5/18	Cloudy	19.8	18.7	17.3	7	Dark grayish yellow	Faint sewage	0.0	0.0	0.0	0.0	0.9	77.4	17.4	4.3	69.5	2.713	Sand	<5.6	29	29							
			2018/6/15	Rain	16.1	17.4	16.4	7	Dark grayish yellow	None	0.0	0.0	0.0	0.1	0.9	76.4	19.7	3.0	69.6	2.682	Sand	<6.1	36	36							
			2018/7/13	Sunny	24.2	17.5	17.7	5	Blackish brown	None	0.0	0.0	0.0	0.1	2.0	77.0	16.8	4.0	71.6	2.654	Sand	<5.3	38	38							
			2018/8/2	Sunny	30.8	16.9	21.4	10	Dark grayish yellow	None	0.0	0.0	0.0	0.0	1.1	76.0	20.0	3.0	70.5	2.666	Sand	<6.2	35	35							
			2018/9/12	Sunny	23.0	18.0	22.0	7	Blackish brown	None	0.0	0.0	0.0	0.0	2.4	66.5	26.7	4.4	66.9	2.622	Sand	<6.7	91	99.7							
			2018/10/12	Cloudy	16.4	18.3	20.6	5	Dark grayish yellow	None	0.0	0.1	0.0	0.1	2.1	64.6	28.8	4.4	64.0	2.621	Sand	<7.8	61	61							
			2018/11/12	Cloudy	13.9	18.8	17.9	10	Yellowish gray	None	0.0	0.0	0.0	0.1	2.5	71.4	21.0	5.1	68.1	2.584	Sand	<6.4	42	42							
			2018/12/13	Sunny	10.4	18.8	13.4	5	Dark grayish yellow	None	0.0	0.0	0.0	0.0	1.1	62.4	32.5	4.0	69.1	2.656	Sand	<6.0	65	69.0							
			2019/1/19	Sunny	6.3	17.9	12.7	5	Blackish brown	None	0.0	0.0	0.0	0.1	1.5	64.6	28.9	5.0	69.0	2.651	Sand	<9.4	65	65							
			2019/2/8	Sunny	5.0	18.5	11.5	8	Blackish brown	None	0.0	0.0	0.0	0.1	1.3	68.6	24.1	6.0	70.3	2.662	Sand	<7.5	70	70							





Survey Locations (Fukushima Prefecture)





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