

FY2014 Fukushima Prefecture Survey Results

[Survey Results]

(1) Water

Rivers

Cs-134: Not detectable at any location

Cs-137: ND - 1.6 Bq/L

Lakes and reservoirs

Cs-134: ND - 8.8 Bq/L

Cs-137: ND - 25 Bq/L

Coastal areas

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

(2) Sediments

Rivers

Cs-134:ND - 5,700 Bq/kg (dry)

Cs-137:ND - 19,000 Bq/kg (dry)

Lakes and reservoirs

Cs-134:ND - 67,000 Bq/kg (dry)

Cs-137:3.4 - 230,000 Bq/kg (dry)

Coastal areas

Cs-134:ND - 190 Bq/kg (dry)

Cs-137: 4.4 - 640 Bq/kg (dry)

(3) Surrounding Environment

(a) Soil

Rivers

Cs-134: ND - 44,000 Bq/kg (dry)

Cs-137: ND - 130,000 Bq/kg (dry)

Lakes and reservoirs

Cs-134: 2.7 - 77,000 Bq/kg (dry)

Cs-137: 14 - 270,000 Bq/kg (dry)

(b) Ambient dose rate

Rivers

0.04 - 8.62 μ Sv/h

Lakes and reservoirs

0.05 - 20.38 μ Sv/h

Fukushima River (Water/Hamadori Area) 2/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks		
No.	Location		Municipality					General items				Radioactive cesium							
	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	9	Komiya	Iitate Village	2014/5/8	Sunny	20.0	0.7	12.0	0.0	Colorless transparent	None	>100	7.0	2	0.8	<0.65 ± 0.14	<0.71 ± 0.13		
				2014/6/3	Sunny	22.8	0.5	15.8	0.0	Colorless transparent	None	>100	7.1	4	1.1	<0.46 ± 0.097	<0.60 ± 0.14		
				2014/8/18	Cloudy	33.5	0.7	19.1	0.0	Greenish white	None	72	6.7	7	1.2	<0.54 ± 0.13	<0.58 ± 0.15		
				2014/10/21	Cloudy	18.2	0.9	14.1	0.0	Yellow greenish white	None	>100	6.2	3	1.9	<0.65 ± 0.14	<0.76 ± 0.17		
				2014/12/10	Sunny	3.8	0.7	4.0	0.0	Colorless transparent	None	>100	7.2	2	0.9	<0.64 ± 0.13	<0.59 ± 0.13		
					2015/2/11	Cloudy	0.0	0.5	1.7	0.0	Colorless transparent	None	>100	7.3	2	1.1	<0.51 ± 0.094	<0.76 ± 0.14	
	10	Niida River	Kidouchi Bridge	Iitate Village	2014/5/8	Sunny	22.8	1.5	15.9	0.0	Colorless transparent	None	>100	6.6	7	0.6	<0.65 ± 0.16	<0.58 ± 0.17	
					2014/6/3	Sunny	30.8	1.0	20.3	0.0	Yellowish pale gray	None	>100	7.1	2	0.9	<0.54 ± 0.13	<0.60 ± 0.13	
					2014/8/18	Cloudy	36.1	1.5	20.9	0.0	Yellow greenish pale gray	Faint mold	>100	7.0	4	1.0	<0.47 ± 0.13	<0.45 ± 0.11	
					2014/10/21	Cloudy	22.5	0.6	16.1	0.0	Greenish yellowish white	None	>100	6.4	2	1.5	<0.68 ± 0.15	<0.68 ± 0.15	
					2014/12/10	Sunny	7.1	0.4	5.5	0.0	Colorless transparent	None	>100	6.6	1	0.7	<0.61 ± 0.11	<0.59 ± 0.13	
					2015/2/10	Sunny	4.5	0.5	4.3	0.0	Colorless transparent	None	>100	7.0	<1	0.7	<0.58 ± 0.15	<0.59 ± 0.15	
	11	Sakekawa Bridge	Iitate Village	Iitate Village	2014/5/8	Sunny	20.2	1.4	17.3	0.0	Yellow greenish pale gray	None	91	10.2	2	0.6	<0.69 ± 0.16	<0.62 ± 0.13	
					2014/6/3	Cloudy	24.9	1.2	20.6	0.0	Greenish yellowish white	None	>100	134.8	2	0.9	<0.62 ± 0.13	<0.52 ± 0.095	
					2014/8/18	Sunny	28.9	1.0	21.9	0.0	Yellowish white	None	>100	9.3	4	1.0	<0.59 ± 0.13	<0.59 ± 0.14	
					2014/10/21	Cloudy	21.0	0.8	17.2	0.0	Greenish yellowish white	None	>100	9.0	12	2.3	<0.59 ± 0.13	<0.72 ± 0.14	
					2014/12/10	Cloudy	7.2	0.6	7.3	0.0	Colorless transparent	None	>100	83.9	1	0.6	<0.48 ± 0.098	<0.59 ± 0.13	
	12	Ishiwatado Bridge	Minamisoma City	Minamisoma City	2015/2/10	Sunny	4.0	0.5	5.2	0.0	Colorless transparent	None	>100	136.0	<1	1.0	<0.50 ± 0.10	<0.65 ± 0.10	
					2014/5/12	Cloudy	18.5	0.7	11.4	0.0	Colorless transparent	None	>100	4.5	1	0.7	<0.66 ± 0.14	<0.74 ± 0.16	
					2014/6/4	Sunny	31.0	0.6	17.0	0.0	Colorless transparent	None	>100	4.7	<1	0.3	<0.71 ± 0.17	<0.47 ± 0.13	
					2014/8/12	Sunny	29.9	0.7	22.4	0.0	Colorless transparent	None	>100	4.6	1	0.6	<0.56 ± 0.15	<0.49 ± 0.16	
					2014/10/20	Sunny	18.0	0.5	16.0	0.0	Colorless transparent	None	>100	4.9	<1	0.8	<0.60 ± 0.18	<0.66 ± 0.22	
					2014/12/9	Sunny	-0.5	0.4	7.9	0.0	Colorless transparent	None	>100	5.2	<1	0.6	<0.58 ± 0.14	<0.58 ± 0.15	
					2015/2/11	Sunny	8.1	0.7	5.0	0.0	Colorless transparent	None	>100	4.4	<1	0.6	<0.59 ± 0.15	<0.58 ± 0.17	
					2014/5/12	Sunny	22.0	0.6	12.7	0.0	Colorless transparent	None	>100	5.2	2	1.0	<0.59 ± 0.13	<0.58 ± 0.17	
					2014/6/4	Sunny	32.0	1.0	16.9	0.0	Colorless transparent	None	>100	5.3	1	0.4	<0.59 ± 0.14	<0.51 ± 0.12	
					2014/8/12	Cloudy	31.1	0.7	22.7	0.0	Colorless transparent	None	>100	5.2	4	0.7	<0.71 ± 0.18	<0.65 ± 0.17	
	13	Kaminouchi Bridge	Minamisoma City	Minamisoma City	2014/10/20	Sunny	19.8	0.8	15.9	0.0	Colorless transparent	None	>100	5.4	1	0.8	<0.56 ± 0.14	<0.62 ± 0.17	
					2014/12/9	Sunny	4.0	0.4	7.0	0.0	Colorless transparent	None	>100	7.1	<1	0.2	<0.64 ± 0.13	<0.55 ± 0.13	
					2015/2/11	Sunny	9.7	0.5	6.0	0.0	Colorless transparent	None	>100	6.3	1	0.4	<0.65 ± 0.14	<0.63 ± 0.14	
					2014/5/12	Sunny	22.0	0.8	13.7	0.0	Colorless transparent	None	>100	6.7	2	1.1	<0.61 ± 0.13	<0.68 ± 0.15	
					2014/6/4	Cloudy	25.3	0.8	16.6	0.0	Colorless transparent	None	>100	7.1	2	1.2	<0.75 ± 0.19	<0.65 ± 0.15	
	14	Masuda Bridge	Minamisoma City	Minamisoma City	2014/8/12	Cloudy	28.5	0.8	22.4	0.0	Greenish white	None	85	6.1	10	1.1	<0.49 ± 0.12	<0.63 ± 0.18	
					2014/10/20	Sunny	20.5	0.8	16.6	0.0	Colorless transparent	None	>100	6.7	2	1.0	<0.70 ± 0.18	<0.71 ± 0.17	
					2014/12/9	Sunny	6.2	0.7	8.6	0.0	Colorless transparent	None	>100	7.5	<1	0.5	<0.52 ± 0.081	<0.52 ± 0.086	
					2015/2/11	Sunny	8.0	0.5	7.9	0.0	Colorless transparent	None	>100	7.2	<1	0.8	<0.47 ± 0.10	<0.58 ± 0.12	
					2014/5/12	Sunny	23.0	0.4	16.7	0.0	Colorless transparent	None	>100	6.8	4	1.1	<0.54 ± 0.12	<0.62 ± 0.19	
	15	JR Tetsudo Bridge	Minamisoma City	Minamisoma City	2014/6/4	Cloudy	27.2	0.6	17.2	0.0	Colorless transparent	None	>100	7.0	2	0.9	<0.53 ± 0.13	<0.51 ± 0.16	
					2014/8/12	Cloudy	28.6	0.4	22.6	0.0	Colorless transparent	None	>100	6.0	6	0.9	<0.64 ± 0.17	<0.60 ± 0.17	
					2014/10/20	Sunny	21.2	0.3	17.1	0.0	Colorless transparent	None	>100	6.5	2	1.0	<0.59 ± 0.13	<0.68 ± 0.15	
					2014/12/9	Sunny	7.5	0.4	8.9	0.0	Colorless transparent	None	>100	7.8	1	0.5	<0.51 ± 0.11	<0.55 ± 0.13	
					2015/2/11	Sunny	6.8	0.4	6.7	0.0	Colorless transparent	None	>100	7.8	<1	0.6	<0.59 ± 0.13	<0.83 ± 0.17	

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					General items					Radioactive cesium					
								Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Cs-134		Cs-137
																<0.64 ± 0.15		<0.60 ± 0.14
16	Ota River	Maruyama Bridge	Minamisoma City	2014/5/12	Cloudy	18.7	0.3	14.3	0.0	Reddish white	None	65	4,750.0	12	3.1	<0.64 ± 0.15	<0.60 ± 0.14	
				2014/6/4	Cloudy	25.4	0.5	18.5	0.0	Colorless transparent	None	>100	554.0	4	1.9	<0.55 ± 0.14	<0.55 ± 0.12	
				2014/8/12	Light rain	25.0	0.3	22.8	0.0	Yellow greenish white	None	40	51.8	14	1.9	<0.47 ± 0.11	<0.58 ± 0.14	
				2014/10/20	Cloudy	20.5	0.2	18.7	0.0	Greenish yellowish white	None	80	270.0	6	3.7	<0.47 ± 0.098	<0.51 ± 0.11	
				2014/12/9	Sunny	5.0	0.3	8.6	0.0	Colorless transparent	None	>100	636.0	2	1.1	<0.65 ± 0.13	<0.65 ± 0.15	
	17	Shimokawara Bridge		2015/2/11	Cloudy	6.2	0.5	5.5	0.0	Greenish yellowish white	None	>100	501.0	3	1.5	<0.52 ± 0.13	<0.58 ± 0.16	
				2014/5/13	Cloudy	15.5	0.3	14.4	0.0	Colorless transparent	None	>100	32.9	2	0.9	<0.52 ± 0.12	<0.55 ± 0.096	
				2014/6/5	Cloudy	23.9	0.4	17.6	0.0	Colorless transparent	None	>100	9.9	2	0.5	<0.59 ± 0.11	<0.62 ± 0.16	
				2014/8/11	Sunny	36.1	0.5	22.5	0.0	Yellow greenish white	None	95	8.0	7	1.0	<0.67 ± 0.14	<0.63 ± 0.18	
				2014/10/8	Sunny	22.2	0.7	17.3	0.0	Greenish yellowish white	None	>100	8.7	3	1.1	<0.58 ± 0.15	<0.50 ± 0.13	
	18	Odaka River		Zenko Bridge	2014/12/12	Cloudy	4.5	0.3	9.2	0.0	Colorless transparent	None	>100	9.8	<1	0.2	<0.67 ± 0.14	<0.74 ± 0.16
					2015/2/9	Sunny	0.8	0.3	5.3	0.0	Colorless transparent	None	>100	9.8	<1	0.8	<0.59 ± 0.14	<0.71 ± 0.15
					2014/5/13	Cloudy	16.5	0.6	15.6	0.0	Greenish white	None	>100	32.9	5	2.3	<0.55 ± 0.13	<0.70 ± 0.19
					2014/6/5	Cloudy	25.3	0.4	17.8	0.0	Yellow greenish pale gray	None	43	12.7	15	4.0	<0.71 ± 0.16	<0.60 ± 0.17
					2014/8/13	Sunny	28.0	0.8	20.1	0.0	Greenish yellowish white	None	95	10.0	8	0.9	<0.59 ± 0.14	<0.73 ± 0.18
	19	Hatsukara Bridge		2014/10/8	Sunny	21.6	0.9	17.7	0.0	Greenish yellowish white	None	>100	9.3	6	2.7	<0.57 ± 0.14	<0.60 ± 0.16	
				2014/12/8	Sunny	7.0	0.3	6.2	0.0	Colorless transparent	None	>100	11.8	1	0.9	<0.71 ± 0.16	<0.63 ± 0.12	
				2015/2/10	Cloudy	2.8	0.3	5.6	0.0	Colorless transparent	None	>100	14.5	<1	1.0	<0.59 ± 0.14	<0.55 ± 0.11	
				2014/5/13	Cloudy	14.8	0.3	15.8	0.0	Greenish white	None	55	2,180.0	12	4.5	<0.93 ± 0.24	<0.76 ± 0.17	
				2014/6/5	Cloudy	20.0	0.6	14.7	0.0	Yellowish pale gray	None	>100	4,770.0	6	0.9	<0.73 ± 0.14	<0.68 ± 0.11	
20	Murohara Bridge	2014/8/13	Sunny	23.9	0.7	20.7	0.0	Yellowish white	None	70	1,360.0	15	6.2	<0.73 ± 0.18	<0.59 ± 0.14			
		2014/10/8	Sunny	18.5	0.6	21.0	0.0	Greenish yellowish white	None	40	4,170.0	24	7.8	<0.59 ± 0.14	<0.66 ± 0.19			
		2014/12/8	Sunny	6.5	0.3	8.8	0.0	Colorless transparent	None	70	2,180.0	6	2.6	<0.55 ± 0.12	<0.60 ± 0.16			
		2015/2/10	Sunny	5.0	0.5	4.9	0.0	Greenish yellowish white	None	58	2,460.0	6	4.1	<0.56 ± 0.13	<0.62 ± 0.14			
		2014/5/14	Cloudy	28.3	0.6	17.6	0.0	Colorless transparent	None	>100	7.5	2	0.5	<0.67 ± 0.17	<0.66 ± 0.19			
		2014/6/6	Light rain	24.0	1.0	19.2	0.0	Colorless transparent	None	>100	5.5	2	0.5	<0.57 ± 0.14	0.82 ± 0.21			
		2014/7/15	Sunny	31.4	0.6	20.9	0.0	Colorless transparent	None	>100	5.1	2	0.6	<0.71 ± 0.15	<0.62 ± 0.20			
		2014/8/11	Cloudy	30.5	0.7	21.7	0.0	Greenish white	None	72	5.0	26	5.6	<0.65 ± 0.20	1.6 ± 0.27			
		2014/9/2	Cloudy	23.8	0.4	19.6	0.0	Colorless transparent	None	>100	5.6	1	0.6	<0.67 ± 0.15	<0.62 ± 0.16			
		2014/10/24	Sunny	17.8	0.5	14.5	0.0	Colorless transparent	None	>100	5.3	1	1.2	<0.67 ± 0.12	<0.81 ± 0.24			
21	Ukedo River	Ukedo Bridge	2014/11/18	Sunny	11.0	0.3	10.2	0.0	Colorless transparent	None	>100	5.9	1	0.8	<0.54 ± 0.14	0.66 ± 0.20		
			2014/12/12	Cloudy	5.0	0.3	7.3	0.0	Colorless transparent	None	>100	5.8	<1	0.7	<0.61 ± 0.15	<0.62 ± 0.19		
			2015/1/6	Cloudy	10.1	0.3	4.1	0.0	Colorless transparent	None	>100	6.0	<1	0.6	<0.58 ± 0.13	<0.63 ± 0.18		
			2015/2/9	Sunny	0.0	0.3	3.4	0.0	Colorless transparent	None	>100	6.1	<1	0.5	<0.59 ± 0.14	<0.59 ± 0.14		
			2014/5/13	Cloudy	21.5	0.6	19.0	0.0	Colorless transparent	Dark olive	>100	21.0	3	1.0	<0.77 ± 0.20	<0.54 ± 0.17		
			2014/6/6	Light rain	24.2	0.3	19.2	0.0	Colorless transparent	None	>100	6.8	4	0.7	<0.56 ± 0.13	<0.63 ± 0.19		
			2014/7/15	Sunny	30.7	0.3	23.2	0.0	Colorless transparent	None	>100	10.2	2	0.8	<0.61 ± 0.13	<0.56 ± 0.15		
			2014/8/11	Cloudy	26.8	0.5	22.5	0.0	Yellow greenish white	None	45	6.5	18	8.5	<0.67 ± 0.19	1.5 ± 0.27		
			2014/9/2	Sunny	25.3	0.6	21.5	0.0	Colorless transparent	None	>100	8.9	4	1.7	<0.67 ± 0.17	<0.71 ± 0.20		
			2014/10/10	Sunny	22.4	0.4	17.2	0.0	Greenish yellowish white	None	90	12.1	8	3.0	<0.60 ± 0.16	<0.68 ± 0.21		
21	Ukedo Bridge	2014/11/18	Sunny	13.0	0.5	11.9	0.0	Colorless transparent	None	>100	7.5	<1	0.8	<0.75 ± 0.17	<0.52 ± 0.17			
		2014/12/12	Cloudy	8.1	0.4	8.2	0.0	Colorless transparent	None	>100	7.5	<1	0.8	<0.67 ± 0.16	<0.65 ± 0.14			
		2015/1/6	Cloudy	10.5	0.6	4.9	0.0	Colorless transparent	None	>100	7.8	<1	0.7	<0.60 ± 0.13	<0.65 ± 0.14			
		2015/2/9	Sunny	2.8	0.5	5.7	0.0	Colorless transparent	None	>100	10.3	2	1.6	<0.59 ± 0.14	<0.59 ± 0.15			

Fukushima River (Water/Hamadori Area) 4/8

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	22	Furumichi River	Before the confluence with Takase River (Miyakoji-machi furumichishitadaira)	Tamura City	2014/5/30	Sunny	29.6	0.3	22.6	0.0	Dark grayish yellowish green	None	>100	7.8	5	0.8	<0.58 ± 0.13	<0.50 ± 0.13
					2014/6/23	Sunny	28.3	0.4	21.1	0.0	Light grayish yellow green	None	75	8.1	6	3.1	<0.61 ± 0.13	<0.56 ± 0.12
					2014/8/12	Light rain	22.6	0.5	20.1	0.0	Colorless transparent	None	50	7.2	12	2.4	<0.58 ± 0.15	<0.60 ± 0.16
					2014/10/1	Cloudy	17.8	0.5	14.5	0.0	Colorless transparent	None	>100	7.6	2	1.3	<0.58 ± 0.12	<0.71 ± 0.19
					2014/12/3	Sunny	4.8	0.5	8.3	0.0	Colorless transparent	None	>100	7.4	2	0.7	<0.58 ± 0.12	<0.71 ± 0.12
					2015/2/3	Sunny	3.9	0.5	2.8	0.0	Colorless transparent	None	>100	7.9	1	0.7	<0.56 ± 0.11	<0.63 ± 0.14
	23	Takase River	Keio Bridge	Namie Town	2014/5/13	Sunny	23.2	0.3	17.9	0.0	Colorless transparent	Dark olive	>100	7.5	1	0.7	<0.78 ± 0.17	<0.72 ± 0.16
					2014/6/6	Light rain	22.3	0.2	17.2	0.0	Colorless transparent	None	>100	6.8	3	0.4	<0.62 ± 0.13	<0.87 ± 0.17
					2014/8/13	Sunny	27.0	0.7	21.5	0.0	Yellow greenish white	None	56	6.4	10	1.2	<0.61 ± 0.13	<0.78 ± 0.21
					2014/10/10	Sunny	25.8	0.9	16.5	0.0	Greenish yellowish white	None	74	6.4	11	2.4	<0.45 ± 0.11	<0.58 ± 0.14
					2014/12/12	Cloudy	5.5	0.3	7.7	0.0	Colorless transparent	None	90	7.3	5	1.4	<0.62 ± 0.14	<0.60 ± 0.095
					2015/2/10	Sunny	4.0	0.3	2.9	0.0	Colorless transparent	None	>100	6.9	1	0.6	<0.45 ± 0.096	<0.73 ± 0.14
	24	Maeda River	National Route 6, west	Futaba Town	2014/5/14	Cloudy	24.8	0.6	15.8	0.0	Colorless transparent	Dark olive	>100	19.9	2	1.0	<0.62 ± 0.14	0.71 ± 0.20
					2014/6/10	Cloudy	27.2	1.0	18.1	0.0	Greenish yellowish pale gray	None	95	9.1	8	2.5	<0.68 ± 0.17	0.87 ± 0.25
					2014/8/8	Cloudy	30.0	0.5	23.6	0.0	Greenish white	None	>100	10.8	4	0.8	<0.81 ± 0.21	0.58 ± 0.19
					2014/10/10	Sunny	23.4	1.1	19.1	0.0	Yellow greenish white	None	>100	9.7	3	1.7	<0.56 ± 0.14	<0.51 ± 0.14
					2014/12/5	Sunny	8.0	0.6	9.6	0.0	Reddish yellowish white	None	>100	11.4	2	1.1	<0.66 ± 0.15	<0.63 ± 0.15
					2015/2/5	Cloudy	3.8	0.4	5.3	0.0	Light grayish yellow green	None	>100	12.0	2	1.4	<0.62 ± 0.15	<0.60 ± 0.19
	25	Maeda River	Nakahama Bridge	Namie Town	2014/5/14	Cloudy	22.4	2.0	16.8	0.0	Greenish yellowish white	Dark olive	>100	44.3	4	3.1	<0.55 ± 0.15	<0.66 ± 0.17
					2014/6/10	Cloudy	24.9	1.0	18.8	0.0	Greenish yellowish pale gray	None	67	18.5	13	4.9	<0.68 ± 0.19	1.1 ± 0.25
					2014/8/8	Cloudy	27.5	0.5	26.0	0.0	Light grayish greenish yellow	None	60	73.6	5	1.5	<0.98 ± 0.27	0.72 ± 0.21
					2014/10/10	Sunny	21.4	0.9	15.9	0.0	Yellow greenish white	None	90	22.6	6	2.7	<0.54 ± 0.15	<0.59 ± 0.18
					2014/12/5	Sunny	6.0	0.6	8.5	0.0	Reddish yellowish pale gray	None	>100	21.9	3	2.0	<0.60 ± 0.16	<0.58 ± 0.16
					2015/2/6	Sunny	5.5	0.7	5.4	0.0	Grayish yellow green	None	90	36.9	5	3.3	<0.45 ± 0.13	0.53 ± 0.16
	26	Kumagawa River	National Route 6, west	Okuma Town	2014/5/14	Sunny	28.5	1.0	17.8	0.0	Colorless transparent	None	>100	9.1	2	0.8	<0.68 ± 0.17	<0.72 ± 0.18
					2014/6/10	Cloudy	27.8	0.8	17.4	0.0	Greenish yellowish pale gray	None	>100	6.9	4	1.3	<0.53 ± 0.12	<0.56 ± 0.13
					2014/8/6	Sunny	36.9	0.7	22.3	0.0	Colorless transparent	None	>100	7.3	<1	0.2	<0.48 ± 0.16	<0.68 ± 0.15
					2014/10/3	Cloudy	25.1	0.5	20.5	0.0	Colorless transparent	None	>100	6.9	<1	0.4	<0.64 ± 0.14	<0.59 ± 0.15
					2014/12/3	Sunny	10.9	0.2	8.8	0.0	Colorless transparent	None	>100	7.3	2	0.4	<0.50 ± 0.12	<0.65 ± 0.13
					2015/2/4	Cloudy	3.5	0.6	6.0	0.0	Colorless transparent	None	>100	7.9	<1	0.5	<0.51 ± 0.11	<0.52 ± 0.11
	27	Kumagawa River	Mikuma Bridge	Okuma Town	2014/5/14	Cloudy	27.2	0.6	16.0	0.0	Colorless transparent	None	>100	15.4	2	0.7	<0.51 ± 0.16	<0.78 ± 0.18
					2014/6/10	Cloudy	28.6	0.7	20.8	0.0	Light grayish yellow	None	98	8.4	8	1.8	<0.57 ± 0.16	<0.62 ± 0.21
					2014/8/6	Sunny	35.2	0.5	25.8	0.0	Colorless transparent	None	>100	8.4	2	0.2	<0.62 ± 0.15	<0.68 ± 0.22
					2014/10/3	Sunny	27.9	0.6	22.3	0.0	Colorless transparent	None	>100	8.1	2	0.5	<0.59 ± 0.14	<0.55 ± 0.12
					2014/12/3	Sunny	11.5	0.5	10.4	0.0	Colorless transparent	None	>100	9.0	2	0.4	<0.61 ± 0.16	<0.60 ± 0.14
					2015/2/5	Cloudy	2.5	0.4	4.6	0.0	Colorless transparent	None	>100	9.7	<1	0.8	<0.48 ± 0.11	<0.55 ± 0.11
	28	Tomioka River	Nabekura Bridge	Kawauchi Village	2014/5/15	Cloudy	19.5	0.4	14.3	0.0	Colorless transparent	None	>100	7.0	1	0.1	<0.71 ± 0.17	<0.69 ± 0.19
					2014/6/16	Sunny	28.4	0.2	13.6	0.0	Colorless transparent	None	>100	3.6	<1	0.1	<0.58 ± 0.11	<0.57 ± 0.15
					2014/8/7	Sunny	35.5	0.3	18.4	0.0	Colorless transparent	None	>100	4.0	12	0.1	<0.68 ± 0.13	<0.51 ± 0.096
					2014/10/9	Cloudy	15.2	0.3	13.0	0.0	Colorless transparent	None	>100	4.0	2	0.4	<0.66 ± 0.13	<0.71 ± 0.14
					2014/12/4	Cloudy	9.0	0.4	7.0	0.0	Colorless transparent	None	>100	4.0	<1	0.1	<0.64 ± 0.12	<0.63 ± 0.14
					2015/2/4	Sunny	0.5	0.1	3.4	0.0	Colorless transparent	None	>100	3.9	<1	0.3	<0.52 ± 0.11	<0.55 ± 0.13

Fukushima River (Water/Hamadori 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	29	Sakaigawa Bridge	Kawauchi Village	2014/5/15	Cloudy	18.8	0.5	16.5	0.0	Colorless transparent	Dark olive	>100	9.3	5	0.8	<0.77 ± 0.16	<0.63 ± 0.11		
				2014/6/16	Sunny	29.5	0.5	15.5	0.0	Yellowish pale gray	None	59	5.2	7	2.0	<0.61 ± 0.12	<0.81 ± 0.18		
				2014/8/7	Sunny	33.0	0.5	19.9	0.0	Greenish white	None	>100	6.1	5	0.4	<0.54 ± 0.11	<0.59 ± 0.15		
				2014/10/9	Cloudy	15.8	0.7	13.5	0.0	Yellow greenish white	None	90	5.8	7	2.1	<0.56 ± 0.13	<0.71 ± 0.14		
				2014/12/4	Cloudy	7.0	0.2	6.8	0.0	Colorless transparent	None	>100	6.1	1	0.5	<0.53 ± 0.11	<0.63 ± 0.12		
				2015/2/4	Cloudy	2.5	0.4	4.0	0.0	Colorless transparent	None	>100	6.3	<1	1.0	<0.73 ± 0.17	<0.59 ± 0.14		
	30	Tomioka River	National Route 6, west	Tomioka Town	2014/5/16	Sunny	23.3	0.6	15.9	0.0	Colorless transparent	None	>100	11.7	2	0.4	<0.65 ± 0.14	<0.76 ± 0.17	
					2014/6/11	Cloudy	26.2	0.6	18.6	0.0	Yellowish pale gray	None	64	7.8	6	2.9	<0.71 ± 0.16	<0.62 ± 0.16	
					2014/8/5	Sunny	36.2	0.4	22.5	0.0	Colorless transparent	None	>100	8.6	1	0.7	<0.52 ± 0.12	<0.67 ± 0.16	
					2014/10/2	Cloudy	22.8	0.5	17.1	0.0	Colorless transparent	None	>100	8.4	2	0.4	<0.65 ± 0.15	<0.59 ± 0.13	
					2014/12/2	Sunny	10.0	0.6	9.8	0.0	Colorless transparent	None	>100	8.6	<1	0.6	<0.52 ± 0.11	<0.60 ± 0.12	
					2015/2/3	Cloudy	3.5	0.3	6.5	0.0	Colorless transparent	None	>100	9.2	<1	0.5	<0.57 ± 0.15	<0.73 ± 0.18	
	31	Kobama Bridge	Kobama Bridge	Tomioka Town	2014/5/16	Sunny	26.9	0.2	17.4	0.0	Colorless transparent	None	>100	10.3	2	0.5	<0.65 ± 0.15	<0.80 ± 0.17	
					2014/6/11	Cloudy	23.9	0.6	17.8	0.0	Light grayish greenish yellow	None	71	8.6	10	2.4	<0.76 ± 0.19	<0.66 ± 0.16	
					2014/8/5	Sunny	33.0	0.4	23.9	0.0	Greenish white	None	>100	10.0	2	0.7	<0.64 ± 0.12	<0.54 ± 0.13	
					2014/10/2	Cloudy	22.3	0.6	17.2	0.0	Colorless transparent	None	>100	9.0	1	0.4	<0.68 ± 0.15	<0.68 ± 0.14	
					2014/12/2	Sunny	13.0	0.6	10.5	0.0	Colorless transparent	None	>100	9.9	<1	0.6	<0.46 ± 0.11	<0.60 ± 0.13	
					2015/2/3	Cloudy	4.5	0.4	4.8	0.0	Colorless transparent	None	>100	10.3	<1	0.6	<0.59 ± 0.12	<0.62 ± 0.14	
	32	Idegawa River	Motogama Bridge	Naraha Town	2014/5/16	Sunny	25.8	0.3	17.5	0.0	Colorless transparent	None	>100	9.1	<1	0.2	<0.75 ± 0.16	<0.58 ± 0.11	
					2014/6/11	Cloudy	25.9	0.4	17.9	0.0	Greenish yellowish pale gray	None	>100	7.4	4	0.2	<0.50 ± 0.10	<0.74 ± 0.14	
					2014/8/4	Sunny	31.5	0.6	24.0	0.0	Colorless transparent	None	>100	8.2	2	0.2	<0.72 ± 0.16	<0.57 ± 0.11	
					2014/10/1	Cloudy	21.3	0.4	16.6	0.0	Colorless transparent	None	>100	8.7	<1	0.1	<0.61 ± 0.14	<0.55 ± 0.11	
					2014/12/1	Cloudy	14.5	0.3	12.3	0.0	Colorless transparent	None	>100	8.0	<1	0.3	<0.56 ± 0.12	<0.60 ± 0.12	
					2015/2/2	Sunny	3.5	0.2	3.8	0.0	Colorless transparent	None	>100	9.0	<1	0.3	<0.48 ± 0.098	<0.74 ± 0.17	
	33	Kawauchi River	Before the confluence with Kidogawa River (Futamatabashi Bridge)	Kawauchi Village	2014/5/15	Cloudy	23.4	0.6	14.5	0.0	Colorless transparent	None	>100	5.0	1	0.2	<0.59 ± 0.11	<0.58 ± 0.11	
					2014/6/16	Sunny	29.8	0.4	14.7	0.0	Colorless transparent	None	>100	3.6	1	0.2	<0.53 ± 0.14	<0.62 ± 0.17	
					2014/8/7	Sunny	34.2	0.4	18.1	0.0	Colorless transparent	None	>100	4.0	4	0.2	<0.59 ± 0.17	<0.51 ± 0.096	
					2014/10/9	Cloudy	17.9	0.6	13.7	0.0	Colorless transparent	None	>100	4.1	3	0.6	<0.60 ± 0.12	<0.71 ± 0.17	
					2014/12/4	Cloudy	8.2	0.4	8.2	0.0	Colorless transparent	None	>100	3.9	<1	0.1	<0.62 ± 0.12	<0.55 ± 0.11	
					2015/2/4	Cloudy	-1.5	0.3	3.9	0.0	Colorless transparent	None	>100	4.0	<1	0.3	<0.50 ± 0.11	<0.51 ± 0.12	
	34	Nishiyama Bridge	Nishiyama Bridge	Kawauchi Village	2014/5/15	Sunny	24.5	0.6	14.9	0.0	Colorless transparent	None	>100	6.2	1	0.4	<0.59 ± 0.15	<0.68 ± 0.15	
					2014/6/16	Sunny	28.8	0.5	18.0	0.0	Yellow reddish faint gray	None	>100	4.6	2	0.7	<0.50 ± 0.083	<0.78 ± 0.17	
					2014/8/7	Sunny	36.4	0.4	21.0	0.0	Yellow greenish white	None	>100	5.0	4	0.4	<0.63 ± 0.14	<0.73 ± 0.18	
					2014/10/9	Cloudy	17.1	0.8	14.4	0.0	Colorless transparent	None	>100	4.5	2	0.7	<0.58 ± 0.13	<0.71 ± 0.16	
					2014/12/4	Cloudy	7.2	0.6	6.7	0.0	Colorless transparent	None	>100	4.6	<1	0.4	<0.70 ± 0.16	<0.55 ± 0.14	
					2015/2/4	Cloudy	-2.1	0.3	1.5	0.0	Colorless transparent	None	>100	5.0	<1	0.5	<0.34 ± 0.092	<0.51 ± 0.14	
	35	Kidogawa River	Nagatoro Bridge	Naraha Town	2014/5/16	Cloudy	22.9	0.6	18.1	0.0	Colorless transparent	None	>100	7.8	1	0.3	<0.57 ± 0.10	<0.53 ± 0.096	
					2014/6/11	Cloudy	24.8	0.7	17.7	0.0	Light grayish greenish yellow	None	>100	4.7	2	0.7	<0.63 ± 0.13	<0.66 ± 0.12	
					2014/8/4	Sunny	33.1	0.7	22.5	0.0	Colorless transparent	None	>100	8.6	2	0.3	<0.62 ± 0.12	<0.62 ± 0.14	
					2014/10/1	Cloudy	20.5	0.4	16.6	0.0	Colorless transparent	None	>100	6.6	1	0.3	<0.67 ± 0.14	<0.62 ± 0.094	
					2014/12/1	Light rain	14.2	0.6	11.1	0.0	Colorless transparent	None	>100	5.0	<1	0.6	<0.56 ± 0.16	<0.65 ± 0.15	
					2015/2/2	Sunny	6.0	0.4	3.3	0.0	Colorless transparent	None	>100	5.8	2	1.7	<0.69 ± 0.12	<0.56 ± 0.12	
	36	Kidokawa Bridge	Kidokawa Bridge	Naraha Town	2014/5/16	Cloudy	22.0	0.6	17.5	0.0	Colorless transparent	None	>100	6.5	2	0.3	<0.61 ± 0.11	<0.56 ± 0.12	
					2014/6/11	Cloudy	27.3	0.7	18.1	0.0	Light grayish greenish yellow	None	>100	5.0	3	0.6	<0.71 ± 0.15	<0.66 ± 0.12	
					2014/8/4	Sunny	30.4	0.6	24.2	0.0	Greenish yellowish white	None	82	5.5	6	0.9	<0.59 ± 0.13	<0.60 ± 0.16	
2014/10/1					Cloudy	20.5	0.6	16.9	0.0	Colorless transparent	None	>100	5.4	1	0.5	<0.59 ± 0.12	0.52 ± 0.16		
2014/12/1					Cloudy	14.0	0.6	11.2	0.0	Yellowish white	None	>100	5.5	2	0.9	<0.64 ± 0.13	<0.56 ± 0.11		
2015/2/2	Sunny	5.5	0.5	3.0	0.0	Colorless transparent	None	>100	5.5	2	0.6	<0.64 ± 0.13	<0.66 ± 0.12						

Fukushima River (Water/Hamadori Area) 8/8

	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks		
	No.	Location						Municipality	General items					Radioactive cesium					
									Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)		Cs-134	Cs-137
																		<0.56 ± 0.13	<0.55 ± 0.15
R i v e r	53	Binda River	Binda Bridge	Iwaki City	2014/5/22	Cloudy	19.0	2.3	18.7	0.0	Dark grayish yellow green	None	68	180.9	8	3.1	<0.56 ± 0.13	<0.55 ± 0.15	
					2014/6/12	Light rain	19.8	1.6	19.5	0.0	Dark grayish reddish yellow	None	32	70.4	27	6.2	<0.60 ± 0.12	<0.60 ± 0.12	
					2014/8/7	Cloudy	26.5	1.8	26.4	0.0	Dark grayish yellow green	None	>100	233.0	3	1.0	<0.69 ± 0.16	<0.47 ± 0.13	
					2014/10/17	Sunny	24.2	1.9	17.5	0.0	Grayish yellow green	None	>100	135.1	4	2.5	<0.46 ± 0.087	<0.74 ± 0.15	
					2014/12/13	Light rain	10.4	1.8	10.3	0.0	Dark grayish yellow green	None	>100	203.0	4	1.6	<0.51 ± 0.12	<0.56 ± 0.12	
					2015/2/10	Sunny	13.0	1.5	9.0	0.0	Grayish yellow green	None	>100	225.0	3	2.0	<0.61 ± 0.14	<0.76 ± 0.15	

Fukushima River (Sediment/Hamadori Area) 8/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																				Remarks
No.	Location	Municipality	General items										Activity concentration [Bq/kg(dry)]															
			Temperature (°C)					Sample length (cm)	Color	Odor	Coarse gravel	Medium gravel	Fine gravel	Grain size distribution(%)			Stoniness (%)	Density (g/cm ³)	Property	Radioactive cesium								
K I V E	Banda River	Banda Bridge	Iwaki City	2014/9/22	Cloudy	19.0	2.1	17.5	10	Black	None	0.0	0.0	0.0	56.1	36.8	1.8	5.0	71.6	2.696	Sand/silt	51 ± 5.5	150 ± 8.2	201				
				2014/9/12	Light rain	19.8	1.6	19.6	10	Black	None	0.0	1.9	0.6	1.1	52.1	30.5	6.9	6.7	72.6	2.651	Sand/silt	66 ± 6.8	180 ± 11	246			
				2014/8/27	Cloudy	26.5	1.8	26.0	10	Black	None	0.0	0.0	0.1	0.0	62.3	31.7	0.4	5.0	74.8	2.663	Sand	42 ± 5.1	120 ± 8.4	161			
				2014/10/17	Sunny	21.2	1.9	16.8	10	Black	Faint	0.0	0.0	0.4	1.1	59.0	30.3	2.6	6.4	77.2	2.673	Sand/silt	44 ± 5.1	130 ± 8.7	174			
				2014/12/13	Light rain	10.4	1.8	10.5	10	Greenish black	Faint	0.0	0.2	0.5	1.4	70.4	21.2	0.6	5.7	77.6	2.645	Sand	14 ± 3.2	49 ± 5.3	63			
				2015/2/10	Sunny	13.0	1.5	9.6	10	Black	Faint	0.0	0.0	0.6	1.8	69.0	22.2	0.5	4.9	78.2	2.646	Sand	12 ± 3.1	52 ± 4.6	64			

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

Location				Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)													Remarks	
No.	Location		Municipality				Left bank						Right bank								
	Activity concentration [Bq/kg(dry)]						Air Dose (µSv/h)	Color			Odor			Property			Activity concentration [Bq/kg(dry)]				Air Dose (µSv/h)
Radioactive cesium			Cs-134	Cs-137	Total	Color		Odor	Property	Radioactive cesium			Air Dose (µSv/h)								
Cs-134							Cs-137			Total				Cs-134			Cs-137			Total	
R i v e r	53	Binda River	Binda Bridge	Iwaki City	2014/5/22	Cloudy	19.0	Blackish brown	faint earth	Sandy	270 ± 16	830 ± 28	1,100	0.09	Dark brown	faint earth	Sandy	400 ± 18	1,100 ± 30	1,500	0.18
					2014/6/12	Light rain	19.8	Blackish brown	Dim yellow	Loamy	200 ± 15	670 ± 27	870	0.07	Blackish brown	Dim yellow	Sandy	130 ± 11	410 ± 19	540	0.07
					2014/8/7	Cloudy	26.5	Yellowish brown	Dim yellow	Sandy	12 ± 3.3	52 ± 5.8	64	0.04	Olive brown	faint earth	Sandy	510 ± 20	1,400 ± 34	1,910	0.07
					2014/10/17	Sunny	24.2	Dark olive brown	faint earth	Sandy	22 ± 4.5	71 ± 7.1	93	0.05	Blackish brown	Faint grass	Sandy	280 ± 16	910 ± 29	1,190	0.07
					2014/12/13	Light rain	10.4	Dim yellowish orange	faint earth	Sandy	<5.9 ± 1.7	9.3 ± 1.5	9.3	0.04	Blackish brown	faint earth	Sandy	140 ± 12	500 ± 23	640	0.09
					2015/2/10	Sunny	13.0	Dark olive brown	None	Sandy	<9.6 ± 2.8	<9.2 ± 2.9	-	0.05	Dark grayish yellow	faint earth	Sandy	100 ± 10	380 ± 18	480	0.07

Fukushima Lakes and Reservoirs (Water/Hamadori Area) 2/11

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)	Radioactive cesium			
																Cs-134	Cs-137		
127	Mano Dam		Surface layer	2014/5/21	Light rain	12.7	55.6	15.6	0.5	Dark grayish green	None	3.1	6.5	1	0.7	-0.59 ± 0.13	-0.55 ± 0.10		
			Deep layer						8.8	54.6	-	None		6.9	1	1.0	-0.55 ± 0.12	-0.63 ± 0.16	
			Surface layer	2014/6/16	Sunny	25.0	46.5	21.8	0.5	Grayish greenish yellow	None	2.0	6.6	2	1.1	-0.49 ± 0.16	-0.71 ± 0.14		
			Deep layer						7.4	45.5	-	None		6.1	1	1.5	-0.51 ± 0.12	-0.56 ± 0.16	
			Surface layer	2014/7/17	Light rain	28.6	51.0	23.7	0.5	Dark grayish yellow green	None	2.7	5.9	1	1.3	-0.61 ± 0.11	-0.71 ± 0.18		
			Deep layer					8.5	50.0	-	None		9.1	2	3.5	-0.61 ± 0.16	-0.62 ± 0.20		
			Surface layer	2014/8/8	Cloudy	24.6	49.8	30.7	0.5	Dark grayish yellow green	None	3.1	6.1	-1	1.0	-0.64 ± 0.13	-0.62 ± 0.11		
			Deep layer					9.1	48.8	-	None		7.2	-1	0.4	-0.58 ± 0.14	-0.56 ± 0.12		
			Surface layer	2014/9/4	Cloudy	22.1	46.2	23.8	0.5	Dark grayish yellowish green	None	2.8	6.4	1	1.1	-0.69 ± 0.14	-0.62 ± 0.15		
			Deep layer					7.3	45.2	-	None		7.5	2	1.6	-0.75 ± 0.17	0.59 ± 0.17		
			Surface layer	2014/10/2	Cloudy	18.1	52.6	21.1	0.5	Dark grayish yellowish green	None	3.2	6.5	2	1.1	-0.67 ± 0.16	-0.55 ± 0.11		
			Deep layer					8.3	51.6	-	None		10.6	3	6.5	-0.62 ± 0.15	-0.63 ± 0.18		
			Surface layer	2014/11/5	Cloudy	9.7	47.2	14.6	0.5	Dark grayish green	None	3.1	6.4	2	1.1	-0.65 ± 0.14	-0.52 ± 0.12		
			Deep layer					7.7	46.2	-	None		7.6	1	1.2	-0.45 ± 0.13	-0.58 ± 0.14		
			Surface layer	2014/12/1	Cloudy	12.8	53.7	11.3	0.5	Dark grayish green	None	4.6	6.6	-1	0.6	-0.66 ± 0.14	-0.66 ± 0.16		
			Deep layer					6.9	52.7	-	None		10.7	3	4.4	-0.42 ± 0.12	-0.56 ± 0.21		
			Surface layer	2015/1/8	Light snow	2.8	54.2	5.1	0.5	Dark grayish green	None	4.0	6.9	-1	1.2	-0.60 ± 0.15	-0.55 ± 0.10		
			Deep layer					5.1	53.2	-	None		6.9	-1	1.2	-0.49 ± 0.12	-0.55 ± 0.14		
			Surface layer	2015/2/4	Light snow	3.6	55.6	3.9	0.5	Dark grayish yellowish green	None	5.8	6.9	-1	0.9	-0.54 ± 0.12	-0.57 ± 0.14		
			Deep layer					3.9	54.6	-	None		6.9	-1	0.8	-0.70 ± 0.16	-0.66 ± 0.15		
			Surface layer	2014/5/9	Cloudy	15.0	0.5	14.4	0.0	Light grayish yellowish green	None	>0.5	3.9	1	0.5	-0.51 ± 0.12	-0.63 ± 0.16		
			Deep layer					-	-	-	-		-	-	-	-	-	-	-
			Surface layer	2014/6/12	Light rain	19.6	0.3	19.6	0.0	Dark grayish yellow green	None	>0.3	3.8	1	0.9	-0.67 ± 0.16	-0.65 ± 0.19		
			Deep layer					-	-	-	-		-	-	-	-	-	-	-
			Surface layer	2014/8/8	Cloudy	26.8	0.4	29.8	0.0	Dark grayish reddish yellow	None	>0.4	3.7	1	1.7	-0.64 ± 0.16	-0.56 ± 0.21		
			Deep layer					-	-	-	-		-	-	-	-	-	-	-
			Surface layer	2014/10/2	Cloudy	18.3	0.6	19.3	0.0	Dark grayish yellow green	None	>0.6	4.0	-1	1.4	-0.59 ± 0.14	-0.76 ± 0.22		
			Deep layer					-	-	-	-		-	-	-	-	-	-	-
			Surface layer	2014/12/1	Cloudy	13.7	0.6	11.1	0.0	Dark grayish yellow green	None	>0.6	4.3	-1	0.6	-0.66 ± 0.16	-0.62 ± 0.18		
			Deep layer					-	-	-	-		-	-	-	-	-	-	-
Surface layer	2015/2/4	Light snow	2.8	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to freezing			
Deep layer					-	-	-	-		-	-	-	-	-	-	-	Unable to collect samples due to freezing		
Surface layer	2014/5/20	Sunny	24.8	10.2	19.1	0.5	Dark grayish yellow green	None	2.1	5.6	2	1.9	-0.55 ± 0.13	-0.56 ± 0.14					
Deep layer					10.3	9.2	-	None		5.1	3	1.8	-0.70 ± 0.15	-0.53 ± 0.11					
Surface layer	2014/6/12	Light rain	20.2	6.1	17.8	0.5	Dark grayish yellow green	None	1.2	5.0	2	2.7	-0.58 ± 0.13	-0.71 ± 0.17					
Deep layer					17.4	5.1	-	None		5.1	1	1.3	-0.65 ± 0.14	-0.51 ± 0.14					
Surface layer	2014/8/5	Sunny	29.7	8.6	26.6	0.5	Dark grayish yellow green	None	2.7	4.4	1	0.8	-0.68 ± 0.13	-0.51 ± 0.11					
Deep layer					18.2	7.6	-	None		5.6	2	1.4	-0.52 ± 0.10	-0.68 ± 0.17					
Surface layer	2014/10/15	Cloudy	16.2	10.9	14.7	0.5	Dark grayish yellow	None	1.3	4.5	6	5.3	-0.65 ± 0.17	-0.71 ± 0.21					
Deep layer					13.1	9.9	-	None		5.5	28	1.2	0.51 ± 0.17	1.0 ± 0.23					
Surface layer	2014/1/2/2	Cloudy	5.0	5.5	8.6	0.5	Dark grayish yellowish green	None	2.0	5.2	4	2.9	-0.48 ± 0.13	-0.59 ± 0.18					
Deep layer					8.0	4.5	-	None		5.1	4	2.7	-0.49 ± 0.16	-0.59 ± 0.17					
Surface layer	2015/2/2	Sunny	0.5	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to freezing			
Deep layer					-	-	-	-		-	-	-	-	-	-	-	Unable to collect samples due to freezing		

Fukushima Lakes and Reservoirs (Water/Hamadori Area) 7/11

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)	Radioactive cesium							
																Cs-134	Cs-137						
146	Furumichigawa Power Plant Dam	Tamara City	Surface layer	2014/5/30	Sunny	31.2	5.6	22.1	0.5	Dark grayish yellow green	None	3.7	6.9	2	0.3	-0.56 ± 0.13	-0.63 ± 0.11						
			Deep layer	-	-	-	19.3	4.6	-	None	-	-	2	0.4	-0.73 ± 0.17	-0.68 ± 0.14							
			Surface layer	2014/6/23	Sunny	28.0	5.8	19.7	0.5	Light grayish yellow green	None	2.2	7.0	2	2.1	-0.80 ± 0.15	-0.88 ± 0.16						
			Deep layer	-	-	-	17.6	4.8	-	None	-	-	3	2.6	-0.58 ± 0.11	-0.50 ± 0.12							
			Surface layer	-	-	-	19.5	0.5	Dark grayish greenish yellow	None	-	-	8	6.5	1.5	-0.63 ± 0.15	-0.55 ± 0.11						
			Deep layer	2014/8/12	Light rain	22.0	5.8	19.3	4.8	-	None	1.8	6.5	9	1.6	-0.55 ± 0.13	-0.62 ± 0.17						
			Surface layer	2014/10/1	Cloudy	17.8	0.3	14.4	0.0	Colorless transparent	None	>0.3	6.7	5	1.1	-0.62 ± 0.12	-0.63 ± 0.15						
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
			Surface layer	2014/12/3	Sunny	10.4	7.2	7.1	0.5	Dark grayish yellowish green	None	5.5	6.5	<1	0.5	-0.60 ± 0.15	-0.83 ± 0.16						
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
			Surface layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
			Deep layer	2015/2/3	Sunny	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
			Surface layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
			147	Sawairi No. 1	Futaba Town	Surface layer	2014/5/20	Sunny	22.1	0.3	20.9	0.0	Very pale yellow	None	>0.3	17.9	4	2.3	-0.62 ± 0.16	1.2 ± 0.24			
						Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water	
Surface layer	2014/6/17	Sunny				26.0	0.5	24.4	0.0	Greenish yellowish pale gray	None	0.4	12.7	8	7.3	-0.85 ± 0.23	-0.78 ± 0.25						
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
Surface layer	2014/8/8	Cloudy				33.0	0.8	29.7	0.0	Greenish white	None	>0.8	17.8	<1	1.3	0.75 ± 0.22	2.0 ± 0.31						
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
Surface layer	2014/10/7	Sunny				21.7	0.5	20.7	0.0	Yellowish white	None	0.1	5.9	54	64	1.2 ± 0.29	5.6 ± 0.53						
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
Surface layer	2014/12/5	Sunny				6.0	0.5	8.0	0.0	Reddish yellowish white	None	>0.5	18.0	4	3.4	-0.63 ± 0.19	1.4 ± 0.29						
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
Surface layer	2015/2/10	Sunny				-1.0	0.7	3.4	0.0	Greenish yellowish white	None	0.5	17.3	3	5.4	-0.60 ± 0.17	-0.66 ± 0.21						
Deep layer	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water				
148	Soso (farm pond)	Suzunai No. 4				Okuma Town	Surface layer	2014/5/20	Cloudy	23.1	0.6	22.2	0.0	Very pale yellow	None	0.2	14.6	20	15	3.1 ± 0.35	6.8 ± 0.53		
							Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
							Surface layer	2014/6/17	Cloudy	29.5	0.8	26.4	0.0	Grayish reddish yellow	None	0.1	13.4	75	78	2.9 ± 0.40	9.1 ± 0.68		
							Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/8/6	Sunny		33.1	0.5	31.2	0.0	Grayish greenish yellow	None	0.1	18.8	63	53	8.8 ± 0.64	25 ± 1.4					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
			Surface layer	2014/10/3	Cloudy		25.0	0.4	23.2	0.0	Greenish yellowish white	None	0.1	16.3	85	79	2.6 ± 0.40	10 ± 0.70					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
			Surface layer	2014/12/3	Sunny		9.0	0.5	5.9	0.0	Light grayish reddish yellow	None	0.1	15.3	39	33	4.6 ± 0.46	15 ± 0.86					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
			Surface layer	2015/2/4	Cloudy		3.5	0.4	5.7	0.0	Light grayish yellow	None	0.3	14.8	14	13	1.1 ± 0.30	4.9 ± 0.51					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
			Surface layer	2014/5/20	Sunny		25.6	0.6	22.8	0.0	Yellowish white	None	0.3	9.9	6	3.8	0.63 ± 0.19	1.5 ± 0.27					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
			Surface layer	2014/6/17	Sunny		28.5	0.8	26.0	0.0	Yellowish pale gray	None	>0.8	7.9	6	2.7	-0.80 ± 0.20	-0.68 ± 0.19					
			Deep layer	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
149	Nishahaguro	Futaba Town	Futaba Town	Surface layer	2014/8/6	Sunny	35.5	0.5	31.5	0.0	Colorless transparent	None	>0.5	10.0	2	0.6	-0.87 ± 0.22	-0.81 ± 0.27					
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
				Surface layer	2014/10/3	Cloudy	23.9	0.4	20.5	0.0	Greenish yellowish white	None	>0.4	8.5	9	2.9	-0.59 ± 0.16	-0.54 ± 0.16					
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
				Surface layer	2014/12/3	Sunny	7.0	0.6	8.9	0.0	Reddish yellowish white	None	>0.6	7.9	4	2.6	-0.76 ± 0.18	0.87 ± 0.25					
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
				Surface layer	2015/2/5	Cloudy	2.0	0.6	4.3	0.0	Greenish yellowish white	None	>0.6	8.7	2	2.3	-0.71 ± 0.18	-0.74 ± 0.20					
				Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			

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

No.	Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks		
	Location	Municipality					General items												
							Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration(Bq/L)				
															Cs-134	Cs-137			
150	Sakashita Dam	Okuma Town	Surface layer	2014/5/22	Light rain	18.2	18.6	16.7	0.5	Dark grayish bluish green	None	3.2	6.0	2	0.6	-0.57 ± 0.12	-0.55 ± 0.092		
			Deep layer					9.9	17.6	-	None			6.6	2	1.0	-0.60 ± 0.15	-0.63 ± 0.11	
			Surface layer	2014/6/18	Sunny	25.0	18.1	21.9	0.5	Grayish yellow green	None	1.9	5.8	1	1.0	-0.59 ± 0.13	-0.59 ± 0.14		
			Deep layer					10.4	17.1	-	None			6.4	2	0.8	-0.65 ± 0.14	-0.59 ± 0.13	
			Surface layer					29.3	0.5	Dark grayish yellow green	None		6.3	-1	0.3	-0.51 ± 0.12	-0.62 ± 0.12		
			Deep layer	2014/8/7	Sunny	29.7	19.1	14.3	18.1	-	None	4.8	6.5	2	1.4	-0.70 ± 0.16	-0.51 ± 0.13		
			Surface layer					17.8	0.5	Dark grayish yellow green	None	2.4	6.3	2	1.4	-0.48 ± 0.10	-0.63 ± 0.13		
			Deep layer	2014/10/8	Cloudy	19.1	18.3	15.8	17.3	-	None		6.5	7	5.3	-0.65 ± 0.15	-0.52 ± 0.12		
			Surface layer					10.6	0.5	Dark grayish yellowish green	None	2.9	6.3	1	1.8	-0.59 ± 0.14	-0.68 ± 0.14		
			Deep layer	2014/1/24	Cloudy	9.6	18.3	10.5	17.3	-	None		6.3	3	3.2	-0.62 ± 0.15	-0.72 ± 0.18		
			Surface layer					4.6	0.5	Dark grayish yellowish green	None	4.8	6.3	2	1.2	-0.55 ± 0.083	-0.71 ± 0.15		
			Deep layer	2015/2/5	Cloudy	3.2	18.9	4.6	17.9	-	None		6.3	2	1.2	-0.64 ± 0.14	-0.66 ± 0.12		
			Surface layer					19.8	0.0	Greenish yellowish white	None	0.1	9.2	14	16	-0.56 ± 0.16	0.87 ± 0.22		
			Deep layer	2014/5/21	Light rain	15.9	0.3	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
Surface layer					23.8	0.0	Yellowish pale gray	None	0.3	9.3	11	13	-0.73 ± 0.16	-0.62 ± 0.17					
Deep layer	2014/6/18	Cloudy	26.0	0.8	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					33.0	0.0	Greenish yellowish white	None	>0.5	10.7	-1	0.8	-0.61 ± 0.15	0.85 ± 0.20					
Deep layer	2014/8/6	Sunny	36.1	0.5	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					23.9	0.0	Greenish yellowish white	None	>0.3	10.5	5	2.9	-0.60 ± 0.16	0.63 ± 0.20					
Deep layer	2014/10/3	Cloudy	26.0	0.3	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					10.0	0.0	Reddish yellowish pale gray	None	0.2	9.6	15	15	-0.66 ± 0.14	-0.73 ± 0.23					
Deep layer	2014/1/2/3	Sunny	10.0	0.7	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					4.7	0.0	Light grayish yellow	None	>0.3	10.4	13	16	-0.67 ± 0.13	-0.71 ± 0.13					
Deep layer	2015/2/4	Cloudy	2.0	0.3	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					19.4	0.0	Yellowish white	±mm	0.1	10.3	14	11	1.0 ± 0.25	3.1 ± 0.38					
Deep layer	2014/5/21	Light rain	18.0	1.0	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					25.8	0.0	Greenish yellowish pale gray	None	0.3	9.8	14	10	-0.71 ± 0.21	0.86 ± 0.21					
Deep layer	2014/6/18	Cloudy	25.3	1.0	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					31.6	0.0	Light grayish yellow green	None	0.1	11.6	27	13	0.68 ± 0.21	2.3 ± 0.32					
Deep layer	2014/8/5	Sunny	32.5	0.8	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					21.0	0.0	Light grayish yellow green	None	0.1	8.7	59	65	0.78 ± 0.21	2.6 ± 0.34					
Deep layer	2014/10/2	Cloudy	21.5	0.5	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					10.0	0.0	Light grayish reddish yellow	None	0.1	8.7	50	42	1.4 ± 0.32	4.9 ± 0.52					
Deep layer	2014/1/2/2	Sunny	9.0	1.2	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer					3.7	0.0	Grayish yellow	±mm	0.3	9.3	11	16	-0.97 ± 0.26	1.4 ± 0.28					
Deep layer	2015/2/3	Cloudy	0.0	1.1	-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			

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

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				
	No.	Location					Municipality	Soil										
								General items							Air Dose (µSv/h)			
								Color	Odor	Property	Activity concentration [Bq/kg(dry)]							
											Radioactive cesium							
Cs-134		Cs-137		Total														
124	Soso (farm pond)	Takei	Shinchi Town	2014/5/9	Sunny	20.5	Blackish brown	None	Loamy	700 ± 25	1,700 ± 41	2,400	0.24					
				2014/6/13	Sunny	25.1	Blackish brown	None	Loamy	890 ± 32	2,400 ± 55	3,290	0.23					
				2014/8/4	Cloudy	27.8	Blackish brown	faint earth	Loamy	480 ± 24	1,300 ± 40	1,780	0.22					
				2014/10/3	Sunny	25.7	Dark brown	Faint grass	Loamy	1,100 ± 33	3,400 ± 60	4,500	0.21					
				2014/12/8	Sunny	7.0	Blackish brown	faint earth	Loamy	470 ± 21	1,400 ± 36	1,870	0.21					
	125	Soso (farm pond)	Uchizawa	Soma City	2015/2/6	Sunny	3.2	Blackish brown	faint earth	Loamy	410 ± 22	1,500 ± 42	1,910	0.20				
					2014/5/9	Cloudy	19.0	Grayish olive	None	Loamy	210 ± 13	580 ± 22	790	0.18				
					2014/6/13	Sunny	24.1	Blackish brown	Faint grass	Loamy	120 ± 12	420 ± 22	540	0.14				
					2014/8/4	Sunny	31.6	Blackish brown	faint earth	Loamy	190 ± 15	570 ± 26	760	0.14				
					2014/10/3	Sunny	26.0	Dark brown	None	Loamy	140 ± 12	440 ± 20	580	0.15				
126		Matsugabo Dam (Lake Utagawa)		Soma City	2014/12/9	Cloudy	7.5	Dark brown	faint earth	Loamy	190 ± 13	720 ± 24	910	0.15				
					2015/2/5	Cloudy	3.9	Blackish brown	faint earth	Loamy	240 ± 16	800 ± 30	1,040	0.14				
					2014/5/9	Cloudy	20.0	Brown	None	Loamy	1,300 ± 38	3,800 ± 65	5,100	0.57				
					2014/6/13	Cloudy	24.6	Dark brown	faint earth	Loamy	1,500 ± 39	4,200 ± 68	5,700	0.46				
					2014/8/4	Sunny	32.1	Blackish brown	faint earth	Loamy	1,100 ± 34	3,300 ± 60	4,400	0.43				
	127				Mano Dam		Soma City	2014/10/3	Cloudy	21.2	Dark brown	Faint grass	Loamy	990 ± 29	3,100 ± 51	4,090	0.41	
								2014/12/9	Cloudy	4.8	Dark brown	faint earth	Loamy	930 ± 26	3,100 ± 47	4,030	0.40	
								2015/2/6	Sunny	-1.2	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
								2014/5/21	Light rain	12.7	Blackish brown	None	Loamy	4,100 ± 63	11,000 ± 110	15,100	0.98	
								2014/6/16	Sunny	25.0	Blackish brown	None	Loamy	2,500 ± 47	6,900 ± 80	9,400	0.90	
128		Soso (farm pond)	Ainosawa	Hitate Village				2014/7/17	Light rain	28.6	Dark brown	Faint grass	Loamy	2,400 ± 53	6,600 ± 90	9,000	0.85	
								2014/8/8	Cloudy	24.6	Brown	Faint grass	Loamy	2,300 ± 51	6,500 ± 88	8,800	0.90	
								2014/9/4	Cloudy	22.1	Blackish brown	None	Loamy	4,300 ± 79	13,000 ± 140	17,300	0.87	
								2014/10/2	Cloudy	18.1	Dark grayish brown	None	Loamy	2,800 ± 50	8,700 ± 90	11,500	0.89	
								2014/11/5	Cloudy	9.7	Blackish brown	faint earth	Loamy	1,800 ± 47	5,900 ± 86	7,700	0.80	
	129	Soso (farm pond)	Ainosawa	Hitate Village	2014/12/1	Cloudy	12.8	Blackish brown	Faint grass	Loamy	3,700 ± 58	12,000 ± 110	15,700	0.81				
					2015/1/8	Light snow	2.8	Blackish brown	faint earth	Loamy	3,100 ± 64	10,000 ± 120	13,100	0.79				
					2015/2/4	Light snow	3.6	Blackish brown	faint earth	Loamy	2,300 ± 43	7,900 ± 81	10,200	0.78				
					2014/5/9	Cloudy	15.0	Dark brown	None	Loamy	2,500 ± 49	6,800 ± 82	9,300	2.45				
					2014/6/12	Light rain	19.6	Olive black	None	Loamy	770 ± 27	2,100 ± 45	2,870	2.27				
130		Soso (farm pond)	Fugane Dam	Hitate Village	2014/8/8	Cloudy	26.8	Olive black	Faint grass	Loamy	2,800 ± 55	8,100 ± 95	10,900	2.71				
					2014/10/2	Cloudy	18.3	Dark grayish brown	None	Loamy	1,900 ± 38	6,100 ± 68	8,000	2.52				
					2014/12/1	Cloudy	13.7	Olive black	faint earth	Loamy	2,400 ± 39	7,600 ± 70	10,000	2.07				
					2015/2/4	Light snow	2.8	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
					2014/5/20	Sunny	24.8	Blackish brown	None	Loamy	16,000 ± 130	43,000 ± 210	59,000	2.65				
	131	Soso (farm pond)	Sasatoge	Hitate Village	2014/6/12	Light rain	20.2	Blackish brown	Faint grass	Loamy	1,100 ± 31	3,100 ± 53	4,200	2.47				
					2014/8/5	Sunny	29.7	Dark brown	None	Loamy	4,600 ± 73	14,000 ± 130	18,600	2.88				
					2014/10/15	Cloudy	16.2	Blackish brown	faint earth	Loamy	7,900 ± 98	24,000 ± 180	31,900	2.30				
					2014/12/2	Cloudy	5.0	Blackish brown	Faint grass	Loamy	11,000 ± 100	36,000 ± 180	47,000	2.25				
					2015/2/2	Sunny	0.5	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			

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

No.	Location		Municipality	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)]			Total				
Radioactive cesium															
			Cs-134	Cs-137											
L a k e s R e s e r v o i r s	132	Takanokura Dam Reservoir	Minamisoma City	2014/5/23	Sunny	17.4	Blackish brown	Faint grass	Loamy	3,800 ± 58	10,000 ± 97	13,800	1.95		
				2014/6/16	Sunny	29.0	Dark brown	None	Loamy	3,000 ± 53	8,400 ± 90	11,400	1.43		
				2014/8/6	Sunny	31.0	Dark brown	Faint grass	Loamy	2,700 ± 63	8,200 ± 110	10,900	1.30		
				2014/10/7	Sunny	19.7	Blackish brown	Faint grass	Loamy	5,300 ± 71	17,000 ± 130	22,300	1.31		
				2014/12/5	Cloudy	8.7	Dark brown	faint earth	Loamy	3,200 ± 62	10,000 ± 110	13,200	1.29		
				2015/2/2	Sunny	1.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
	133	Yokokawa Dam Reservoir		2014/5/23	Cloudy	16.5	Dark brown	faint earth	Loamy	2,500 ± 43	6,900 ± 71	9,400	1.62		
				2014/6/19	Sunny	25.3	Dark brown	None	Loamy	2,200 ± 39	6,200 ± 68	8,400	1.56		
				2014/8/6	Sunny	33.7	Brown	None	Loamy	2,100 ± 50	6,200 ± 89	8,300	1.43		
				2014/10/7	Sunny	20.1	Blackish brown	faint earth	Loamy	3,800 ± 59	12,000 ± 100	15,800	1.22		
				2014/12/5	Sunny	12.1	Blackish brown	Faint grass	Loamy	3,200 ± 56	10,000 ± 100	13,200	1.22		
				2015/2/2	Sunny	3.8	Dark brown	faint earth	Loamy	1,800 ± 40	5,900 ± 76	7,700	0.91		
	134	Tarayachi		2014/5/19	Sunny	19.2	Dark brown	faint earth	Loamy	1,800 ± 42	4,900 ± 70	6,700	0.89		
				2014/6/13	Sunny	24.9	Dark brown	faint earth	Loamy	1,400 ± 40	4,000 ± 67	5,400	0.78		
				2014/8/11	Cloudy	32.3	Dark brown	faint earth	Sandy	2,200 ± 51	6,700 ± 91	8,900	0.75		
				2014/10/7	Sunny	18.1	Brown	faint earth	Loamy	940 ± 36	2,800 ± 65	3,740	0.75		
				2014/12/8	Sunny	5.5	Dark brown	faint earth	Loamy	1,900 ± 45	6,200 ± 83	8,100	0.78		
				2015/2/9	Sunny	0.0	Dark brown	faint earth	Loamy	1,500 ± 42	5,300 ± 79	6,800	0.69		
	135	Takeshiyachi		2014/5/19	Sunny	22.1	Brown	faint earth	Loamy	400 ± 20	1,100 ± 32	1,500	0.23		
				2014/6/13	Sunny	30.0	Dark brown	faint earth	Loamy	530 ± 24	1,500 ± 40	2,030	0.21		
				2014/8/13	Sunny	27.1	Dark brown	faint earth	Loamy	330 ± 18	960 ± 30	1,290	0.24		
				2014/10/8	Sunny	22.6	Dim orange	faint earth	Loamy	190 ± 15	600 ± 26	790	0.23		
				2014/12/8	Sunny	2.0	Dark brown	Faint grass	Loamy	570 ± 25	1,900 ± 45	2,470	0.22		
				2015/2/10	Cloudy	5.0	Dim orange	faint earth	Loamy	480 ± 23	1,700 ± 44	2,180	0.21		
	136	Ryugasaku		2014/5/19	Sunny	20.1	Dim orange	faint earth	Loamy	1,600 ± 36	4,500 ± 62	6,100	0.69		
				2014/6/13	Sunny	27.0	Brown	faint earth	Loamy	1,300 ± 35	3,900 ± 60	5,200	0.53		
2014/8/11			Cloudy	34.0	Dark brown	faint earth	Sandy	1,200 ± 32	3,600 ± 56	4,800	0.61				
2014/10/8			Sunny	19.0	Dark brown	faint earth	Sandy	1,200 ± 33	3,800 ± 59	5,000	0.58				
2014/12/8			Sunny	4.0	Dark brown	faint earth	Loamy	830 ± 27	2,700 ± 50	3,530	0.54				
2015/2/9			Sunny	0.0	Dark brown	faint earth	Loamy	1,800 ± 46	6,400 ± 86	8,200	0.54				
137	Uwatashiro	2014/5/20	Sunny	23.7	Blackish brown	faint earth	Loamy	2,100 ± 53	5,400 ± 87	7,500	1.25				
		2014/6/17	Sunny	29.3	Extremely dark brown	None	Loamy	4,600 ± 97	13,000 ± 170	17,600	1.17				
		2014/8/5	Sunny	33.0	Dark brown	None	Loamy	5,000 ± 110	15,000 ± 190	20,000	1.20				
		2014/10/16	Cloudy	12.9	Blackish brown	faint earth	Loamy	930 ± 36	2,800 ± 65	3,730	1.09				
		2014/12/2	Sunny	6.1	Blackish brown	faint earth	Loamy	3,600 ± 83	12,000 ± 150	15,600	1.04				
		2015/2/2	Sunny	1.0	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
138	Koakuto	2014/5/30	Sunny	24.9	Blackish brown	None	Loamy	16,000 ± 140	45,000 ± 240	61,000	8.90				
		2014/6/19	Sunny	24.5	Blackish brown	Faint drain	Loamy	43,000 ± 290	120,000 ± 500	163,000	8.53				
		2014/8/5	Sunny	31.0	Dark brown	faint earth	Loamy	11,000 ± 120	32,000 ± 210	43,000	8.54				
		2014/10/16	Light rain	15.5	Blackish brown	Faint grass	Loamy	15,000 ± 140	48,000 ± 240	63,000	7.99				
		2014/12/2	Sunny	7.2	Blackish brown	faint earth	Loamy	28,000 ± 210	90,000 ± 380	118,000	7.46				
		2015/2/10	Light snow	-2.0	Blackish brown	faint earth	Loamy	25,000 ± 200	86,000 ± 380	111,000	6.11				
139	Yosouchi	2014/5/9	Cloudy	15.0	Blackish brown	None	Loamy	5,500 ± 78	15,000 ± 130	20,500	2.23				
		2014/6/12	Light rain	19.8	Olive black	Faint grass	Loamy	940 ± 26	2,600 ± 43	3,540	1.82				
		2014/8/8	Cloudy	26.5	Dark brown	Faint grass	Loamy	4,000 ± 80	11,000 ± 140	15,000	1.86				
		2014/10/2	Cloudy	17.9	Olive black	Faint grass	Loamy	2,500 ± 48	7,800 ± 86	10,300	1.75				
		2014/12/1	Cloudy	13.5	Blackish brown	faint earth	Loamy	3,200 ± 56	10,000 ± 100	13,200	1.43				
		2015/2/4	Light snow	1.2	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			

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

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		
R e s e r v o i r	164	Shitoki Dam Reservoir	Iwaki City	2014/5/19	Sunny	17.5	Faint hydrogen sulfide	Faint grass	Loamy	1,200 ± 32	3,100 ± 52	4,300	0.28
				2014/6/18	Cloudy	24.2	Blackish brown	faint earth	Sandy	890 ± 26	2,300 ± 43	3,190	0.25
				2014/8/7	Sunny	34.0	Blackish brown	Dim yellow	Sandy	1,100 ± 32	3,300 ± 55	4,400	0.24
				2014/10/20	Sunny	22.5	Black	faint earth	Loamy	570 ± 24	1,800 ± 42	2,370	0.23
				2014/12/10	Sunny	12.0	Blackish brown	Dim yellow	Loamy	470 ± 20	1,700 ± 37	2,170	0.23
				2015/2/10	Sunny	5.2	Blackish brown	faint earth	Loamy	430 ± 19	1,500 ± 36	1,930	0.21

Fukushima River (Water/Nakadori Area) 2/8

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	61	Abukuma River	Kawanome Bridge	Tamakawa Village	2014/4/25	Sunny	22.0	0.5	14.7	0.0	Light grayish blue green	None	76	14.4	4	2.4	<0.60 ± 0.12	<0.52 ± 0.086	
					2014/5/15	Cloudy	23.2	0.5	18.2	0.0	Grayish yellow	None	47	15.9	6	2.2	<0.66 ± 0.15	<0.65 ± 0.12	
					2014/6/23	Sunny	27.9	0.7	20.0	0.0	Light grayish reddish yellow	None	43	13.5	15	3.7	<0.86 ± 0.18	<0.58 ± 0.11	
					2014/7/15	Sunny	32.2	0.6	22.8	0.0	Light grayish yellow green	None	37	12.3	14	2.0	<0.61 ± 0.14	<0.59 ± 0.12	
					2014/8/6	Sunny	33.8	0.3	30.0	0.0	Light grayish reddish yellow	None	42	12.1	10	<0.1	<0.62 ± 0.13	<0.58 ± 0.11	
					2014/9/24	Cloudy	22.5	0.5	18.8	0.0	Colorless transparent	None	>100	14.1	2	1.1	<0.62 ± 0.12	<0.76 ± 0.17	
		2014/10/30	Sunny	18.1	0.4	11.2	0.0	Light grayish greenish yellow	None	>100	13.0	3	1.5	<0.61 ± 0.11	<0.56 ± 0.14				
		2014/12/16	Cloudy	0.9	0.4	3.5	0.0	Colorless transparent	None	>100	14.8	2	1.3	<0.58 ± 0.11	<0.62 ± 0.13				
		2015/1/9	Cloudy	2.2	0.4	3.4	0.0	Colorless transparent	None	>100	15.1	1	0.8	<0.55 ± 0.13	<0.55 ± 0.13				
		2015/2/3	Cloudy	3.2	0.2	3.2	0.0	Colorless transparent	None	>100	15.3	2	1.7	<0.56 ± 0.11	<0.68 ± 0.16				
		2014/5/15	Cloudy	23.2	0.5	20.0	0.0	Grayish yellow	None	52	16.8	12	5.3	<0.47 ± 0.096	<0.68 ± 0.13				
		2014/6/23	Sunny	25.5	0.6	21.8	0.0	Light grayish reddish yellow	None	45	13.5	17	3.5	<0.62 ± 0.12	<0.76 ± 0.14				
	2014/8/21	Cloudy	30.1	0.5	26.3	0.0	Light grayish yellow	None	74	13.0	11	0.3	<0.55 ± 0.13	<0.52 ± 0.14					
	2014/10/17	Cloudy	18.2	0.7	15.8	0.0	Light grayish reddish yellow	None	38	12.0	18	7.2	<0.58 ± 0.12	<0.50 ± 0.082					
	2014/12/15	Sunny	1.8	0.3	4.1	0.0	Colorless transparent	None	>100	14.4	2	1.3	<0.69 ± 0.14	<0.66 ± 0.12					
	2015/2/3	Cloudy	2.2	0.2	2.0	0.0	Colorless transparent	None	>100	17.9	2	2.0	<0.61 ± 0.13	<0.55 ± 0.11					
	2014/5/12	Cloudy	23.0	0.5	20.2	0.0	Grayish yellow	None	33	16.9	14	7.6	<0.56 ± 0.12	<0.68 ± 0.20					
	2014/6/4	Cloudy	32.1	0.2	25.5	0.0	Colorless transparent	None	>100	16.6	3	1.2	<0.59 ± 0.14	<0.51 ± 0.083					
	2014/8/21	Sunny	30.2	0.4	27.2	0.0	Light grayish reddish yellow	None	50	11.2	13	0.5	<0.50 ± 0.11	<0.45 ± 0.11					
	2014/10/17	Sunny	16.8	0.7	14.1	0.0	Light grayish reddish yellow	None	82	11.7	9	3.3	<0.61 ± 0.11	<0.66 ± 0.13					
	2014/12/15	Light snow	0.2	0.4	3.6	0.0	Colorless transparent	None	>100	12.7	2	0.8	<0.61 ± 0.11	<0.62 ± 0.12					
	2015/2/3	Cloudy	2.8	0.3	2.4	0.0	Colorless transparent	None	>100	12.4	3	2.1	<0.56 ± 0.13	<0.42 ± 0.14					
	2014/4/25	Sunny	23.0	0.3	18.8	0.0	Yellowish pale gray	None	87	15.4	7	2.4	<0.63 ± 0.14	<0.63 ± 0.15					
	2014/5/15	Cloudy	23.8	0.2	20.0	0.0	Grayish greenish yellow	None	42	17.0	14	5.2	<0.54 ± 0.13	<0.59 ± 0.11					
	2014/6/23	Sunny	26.2	0.5	23.2	0.0	Light grayish reddish yellow	None	71	13.6	7	3.3	<0.68 ± 0.16	<0.72 ± 0.15					
	2014/7/15	Sunny	30.8	0.3	23.5	0.0	Light grayish reddish yellow	None	71	12.7	7	1.1	<0.54 ± 0.12	<0.65 ± 0.12					
	2014/8/21	Sunny	32.2	0.5	27.0	0.0	Light grayish reddish yellow	None	42	13.8	21	11	<0.59 ± 0.15	<0.52 ± 0.12					
	2014/9/24	Cloudy	23.3	0.3	20.2	0.0	Colorless transparent	None	>100	15.3	3	1.0	<0.56 ± 0.13	<0.76 ± 0.17					
	2014/10/17	Cloudy	16.5	0.7	15.3	0.0	Light grayish reddish yellow	None	69	10.9	9	3.4	<0.55 ± 0.11	<0.56 ± 0.12					
	2014/12/15	Cloudy	1.1	0.3	5.0	0.0	Light grayish blue green	None	62	14.0	5	1.9	<0.45 ± 0.11	<0.60 ± 0.11					
	2015/1/9	Cloudy	1.6	0.3	2.4	0.0	Colorless transparent	None	>100	13.7	2	1.1	<0.57 ± 0.12	<0.55 ± 0.092					
	2015/2/3	Sunny	2.1	0.2	3.0	0.0	Colorless transparent	None	>100	14.8	3	2.4	<0.63 ± 0.13	<0.68 ± 0.14					
	2014/5/8	Sunny	19.0	0.6	17.6	0.0	Dark grayish greenish yellow	None	60	2.7	4	5.0	<0.56 ± 0.12	<0.63 ± 0.16					
	2014/6/2	Sunny	30.1	0.2	19.8	0.0	Light grayish reddish yellow	None	89	16.6	7	1.2	<0.56 ± 0.085	<0.63 ± 0.14					
	2014/8/5	Sunny	34.8	0.4	27.8	0.0	Light grayish reddish yellow	None	49	13.8	17	2.8	<0.54 ± 0.094	<0.49 ± 0.13					
	2014/10/2	Cloudy	21.8	0.5	20.9	0.0	Light grayish reddish yellow	None	63	20.6	8	4.7	<0.48 ± 0.079	<0.63 ± 0.14					
	2014/12/9	Cloudy	6.2	0.3	6.9	0.0	Colorless transparent	None	>100	22.0	2	2.0	<0.59 ± 0.14	<0.42 ± 0.079					
	2015/1/23	Sunny	5.2	0.5	6.5	0.0	Light grayish reddish yellow	None	60	19.8	9	3.8	<0.71 ± 0.15	<0.63 ± 0.11					
	2014/5/8	Sunny	23.0	0.2	18.5	0.0	Light grayish yellow	None	43	25.0	9	5.1	<0.44 ± 0.086	<0.49 ± 0.12					
	2014/6/2	Sunny	33.5	0.2	26.0	0.0	Light grayish reddish yellow	None	71	40.4	10	2.2	<0.48 ± 0.067	<0.63 ± 0.13					
	2014/8/5	Sunny	38.2	0.4	31.0	0.0	Light grayish reddish yellow	None	64	23.9	8	0.3	<0.64 ± 0.13	<0.45 ± 0.073					
	2014/10/2	Cloudy	23.8	0.4	20.2	0.0	Light grayish reddish yellow	None	85	21.2	6	1.4	<0.56 ± 0.13	<0.58 ± 0.13					
2014/12/2	Cloudy	8.5	0.5	9.0	0.0	Light grayish reddish yellow	None	79	16.7	6	3.4	<0.67 ± 0.14	<0.75 ± 0.14						
2015/1/23	Cloudy	4.8	0.4	5.0	0.0	Light grayish reddish yellow	None	85	17.7	4	2.4	<0.63 ± 0.12	<0.51 ± 0.083						

Fukushima River (Water/Nakadori Area) 4/8

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	73	After the confluence with Ishimuro River	Koriyama City	2014/5/9	Sunny	15.5	0.3	13.7	0.0	Yellow greenish pale gray	None	60	8.4	4	0.9	<0.65 ± 0.13	<0.51 ± 0.083	
				2014/6/4	Cloudy	33.2	0.2	21.9	0.0	Colorless transparent	None	>100	11.3	2	0.5	<0.64 ± 0.13	<0.71 ± 0.14	
				2014/8/11	Cloudy	26.2	0.3	22.6	0.0	Light grayish reddish yellow	None	55	7.1	10	1.0	<0.51 ± 0.085	<0.85 ± 0.15	
				2014/10/8	Sunny	22.2	0.2	15.2	0.0	Colorless transparent	None	>100	8.1	2	1.0	<0.43 ± 0.12	<0.51 ± 0.14	
				2014/12/2	Sunny	5.7	0.3	8.3	0.0	Colorless transparent	None	>100	7.4	2	1.2	<0.74 ± 0.16	<0.75 ± 0.16	
				2015/1/20	Sunny	0.2	0.3	1.2	0.0	Colorless transparent	None	>100	10.7	3	0.5	<0.64 ± 0.12	<0.66 ± 0.14	
	74	Gohyaku River	Kamisekishita Bridge	Motomiya City	2014/5/20	Cloudy	24.7	0.9	17.2	0.0	Light grayish greenish yellow	None	67	14.0	4	3.1	<0.45 ± 0.095	<0.52 ± 0.11
					2014/6/11	Cloudy	25.4	0.9	19.2	0.0	Colorless transparent	None	>100	13.5	4	1.9	<0.54 ± 0.11	<0.55 ± 0.12
					2014/8/11	Cloudy	26.5	0.6	23.4	0.0	Light grayish reddish yellow	None	44	9.5	13	1.0	<0.61 ± 0.11	<0.50 ± 0.13
					2014/10/8	Sunny	21.8	0.5	13.1	0.0	Light grayish reddish yellow	None	>100	13.4	2	1.4	<0.65 ± 0.15	<0.58 ± 0.13
					2014/12/2	Cloudy	3.9	0.3	7.3	0.0	Light grayish yellow green	None	>100	12.6	2	1.5	<0.67 ± 0.14	<0.71 ± 0.12
					2015/1/20	Sunny	0.9	0.4	1.0	0.0	Colorless transparent	None	>100	17.0	2	0.7	<0.64 ± 0.14	<0.66 ± 0.13
	75	Before the confluence with Abukuma River	Motomiya City	2014/4/23	Sunny	17.5	0.4	13.8	0.0	Yellow greenish pale gray	None	67	11.8	5	2.3	<0.52 ± 0.12	<0.55 ± 0.15	
				2014/5/16	Cloudy	18.8	0.4	15.8	0.0	Light grayish yellow	None	54	16.2	6	2.2	<0.67 ± 0.13	<0.56 ± 0.16	
				2014/6/11	Cloudy	28.2	0.5	19.8	0.0	Light grayish greenish yellow	None	96	15.3	5	1.7	<0.56 ± 0.12	<0.65 ± 0.16	
				2014/7/8	Sunny	27.8	0.5	20.5	0.0	Light grayish reddish yellow	None	35	10.9	17	4.5	<0.56 ± 0.13	<0.71 ± 0.12	
				2014/8/22	Sunny	29.5	0.2	27.5	0.0	Light grayish reddish yellow	None	83	15.6	5	0.3	<0.61 ± 0.12	<0.71 ± 0.15	
				2014/9/26	Sunny	22.3	0.4	19.1	0.0	Colorless transparent	None	>100	13.8	4	1.6	<0.74 ± 0.16	<0.66 ± 0.16	
				2014/10/27	Sunny	15.8	0.4	14.7	0.0	Colorless transparent	None	>100	17.8	1	0.5	<0.52 ± 0.10	<0.58 ± 0.14	
				2014/12/9	Cloudy	6.8	0.3	5.4	0.0	Colorless transparent	None	>100	12.9	<1	0.5	<0.69 ± 0.14	<0.51 ± 0.10	
				2015/1/6	Cloudy	5.6	0.3	9.3	0.0	Colorless transparent	None	>100	14.6	1	1.1	<0.55 ± 0.11	<0.50 ± 0.11	
				2015/2/9	Cloudy	-1.5	0.2	2.1	0.0	Colorless transparent	None	>100	14.6	1	0.9	<0.55 ± 0.12	<0.62 ± 0.094	
				2014/4/23	Sunny	19.0	0.6	13.7	0.0	Light grayish greenish yellow	None	5	17.0	5	2.2	<0.58 ± 0.12	<0.66 ± 0.11	
				76	Abukuma River	Takada Bridge	Nihonmatsu City	2014/5/15	Light rain	19.6	0.5	19.0	0.0	Light grayish yellow	None	53	19.2	8
	2014/6/16	Sunny	28.3					0.9	22.2	0.0	Light grayish reddish yellow	None	71	15.6	5	2.4	<0.57 ± 0.092	<0.55 ± 0.11
	2014/7/8	Sunny	30.8					0.8	22.4	0.0	Light grayish reddish yellow	None	31	14.3	27	4.0	<0.69 ± 0.12	<0.62 ± 0.17
	2014/9/1	Cloudy	21.8					0.7	22.1	0.0	Light grayish reddish yellow	None	84	13.4	8	2.8	<0.66 ± 0.17	<0.55 ± 0.10
	2014/9/24	Cloudy	19.8					0.5	19.5	0.0	Light grayish reddish yellow	None	>100	19.6	2	0.9	<0.73 ± 0.16	<0.68 ± 0.15
	2014/10/28	Cloudy	11.5					0.3	13.8	0.0	Light grayish yellow green	None	>100	14.6	3	1.4	<0.68 ± 0.15	<0.83 ± 0.15
	2014/12/8	Sunny	0.1					0.3	4.5	0.0	Colorless transparent	None	>100	16.4	2	1.4	<0.54 ± 0.12	<0.59 ± 0.11
	2015/1/6	Cloudy	7.1					0.4	4.1	0.0	Grayish yellow green	None	>100	17.4	2	1.7	<0.69 ± 0.13	<0.94 ± 0.18
	2015/2/4	Cloudy	1.8					0.2	2.5	0.0	Light grayish yellow green	None	>100	20.7	3	2.2	<0.55 ± 0.12	<0.56 ± 0.14
	2014/5/13	Sunny	21.1					0.4	18.5	0.0	Light grayish yellow	None	65	10.6	9	2.9	<0.70 ± 0.14	<0.68 ± 0.14
	2014/6/20	Cloudy	26.2					0.6	16.8	0.0	Light grayish yellow	None	46	10.2	16	5.0	<0.63 ± 0.15	<0.80 ± 0.18
	77	Kuchibuto River	Kuchibutogawa Bridge					Nihonmatsu City	2014/8/13	Sunny	29.5	0.5	21.1	0.0	Light grayish reddish yellow	None	35	9.9
				2014/10/3	Cloudy	23.2	0.5		15.8	0.0	Light grayish reddish yellow	None	85	10.6	6	2.8	<0.68 ± 0.13	<0.63 ± 0.12
				2014/12/22	Cloudy	0.2	0.4		10.2	0.0	Light grayish reddish yellow	None	60	9.3	13	3.8	<0.64 ± 0.14	<0.63 ± 0.11
				2015/1/26	Cloudy	6.5	0.4		4.2	0.0	Light grayish reddish yellow	None	>100	10.0	2	1.6	<0.59 ± 0.12	<0.76 ± 0.13

Fukushima River (Water/Nakadori 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	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium							
			Cs-134	Cs-137																		
R i v e r s	84	Sukawa River	Sukawa Bridge	Fukushima City	2014/5/19	Sunny	25.2	0.4	15.1	0.0	Colorless transparent	None	>100	48.0	<1	0.1	<0.60 ± 0.12	<0.58 ± 0.11				
					2014/6/10	Cloudy	24.3	0.5	16.2	0.0	Colorless transparent	None	>100	30.0	2	0.4	<0.61 ± 0.11	<0.56 ± 0.16				
					2014/8/1	Sunny	32.8	0.5	21.8	0.0	Colorless transparent	None	>100	43.0	<1	0.1	<0.61 ± 0.14	<0.55 ± 0.10				
					2014/10/9	Sunny	20.2	0.5	13.8	0.0	Colorless transparent	None	>100	43.6	2	0.6	<0.55 ± 0.10	<0.58 ± 0.14				
					2014/12/1	Cloudy	12.5	0.5	10.5	0.0	Light grayish reddish yellow	None	>100	37.3	5	1.5	<0.61 ± 0.14	<0.47 ± 0.12				
					2015/1/28	Cloudy	0.5	0.3	5.3	0.0	Colorless transparent	None	>100	59.4	<1	0.1	<0.65 ± 0.16	<0.51 ± 0.11				
	85	Arakawa River	Before the confluence with Abukuma River	Fukushima City	2014/4/22	Sunny	15.5	0.5	14.2	0.0	Pale blue green	None	51	20.6	9	3.5	<0.58 ± 0.11	<0.62 ± 0.13				
					2014/5/19	Sunny	26.8	0.4	20.8	0.0	Light grayish greenish yellow	None	65	26.2	2	4.4	<0.64 ± 0.13	<0.62 ± 0.094				
					2014/6/10	Cloudy	25.4	0.9	19.0	0.0	Light grayish greenish yellow	None	73	18.1	5	3.2	<0.51 ± 0.094	<0.62 ± 0.14				
					2014/7/4	Light rain	21.8	0.7	18.2	0.0	Light grayish reddish yellow	None	82	20.5	8	1.3	<0.58 ± 0.091	<0.71 ± 0.15				
					2014/8/1	Cloudy	33.1	0.5	22.1	0.0	Light grayish yellow green	None	70	25.8	6	1.5	<0.48 ± 0.090	<0.51 ± 0.11				
					2014/9/16	Cloudy	25.8	0.4	20.8	0.0	Yellow greenish pale gray	None	65	33.2	11	3.3	<0.55 ± 0.14	<0.62 ± 0.16				
					2014/10/9	Sunny	24.3	0.6	18.1	0.0	Colorless transparent	None	>100	25.5	9	2.7	<0.42 ± 0.10	<0.60 ± 0.12				
					2014/12/1	Light rain	11.8	0.3	11.0	0.0	Light grayish blue green	None	46	22.3	11	4.3	<0.59 ± 0.13	<0.55 ± 0.12				
					2015/1/7	Cloudy	2.8	0.4	6.1	0.0	Light grayish blue green	None	55	28.9	6	6.1	<0.54 ± 0.11	<0.55 ± 0.12				
					2015/2/4	Cloudy	6.2	0.2	8.0	0.0	Light grayish blue green	None	60	29.8	9	5.2	<0.45 ± 0.088	<0.60 ± 0.13				
					2014/4/25	Sunny	24.0	0.5	14.9	0.0	Blue greenish white	None	>100	11.0	4	2.2	<0.54 ± 0.087	<0.58 ± 0.13				
					86	Matsukawa River	Before the confluence with Abukuma River	Fukushima City	2014/5/20	Cloudy	26.4	0.3	16.9	0.0	Colorless transparent	None	>100	12.4	12	0.8	<0.61 ± 0.13	<0.71 ± 0.12
	2014/6/12	Light rain	21.2	0.7					19.8	0.0	Light grayish yellow	None	30	12.2	16	3.6	<0.64 ± 0.12	<0.60 ± 0.14				
	2014/7/4	Light rain	22.9	0.2					19.1	0.0	Colorless transparent	None	>100	15.8	2	0.6	<0.55 ± 0.11	<0.71 ± 0.14				
	2014/8/20	Sunny	32.8	0.2					25.3	0.0	Colorless transparent	None	>100	18.2	<1	0.1	<0.48 ± 0.10	<0.63 ± 0.14				
	2014/9/16	Cloudy	24.8	0.4					21.5	0.0	Colorless transparent	None	>100	19.5	<1	0.3	<0.51 ± 0.13	<0.59 ± 0.12				
	2014/10/28	Cloudy	12.1	0.2					12.8	0.0	Light grayish yellow green	None	50	17.2	8	5.0	<0.68 ± 0.13	<0.80 ± 0.14				
	2014/12/8	Sunny	6.2	0.2					5.2	0.0	Colorless transparent	None	>100	16.4	6	2.8	<0.54 ± 0.13	<0.35 ± 0.078				
	2015/1/7	Cloudy	0.9	0.4					3.4	0.0	Light grayish bluish green	None	81	18.9	5	3.4	<0.56 ± 0.11	<0.55 ± 0.14				
	2015/2/4	Cloudy	5.2	0.3					6.9	0.0	Colorless transparent	None	>100	20.8	4	2.6	<0.73 ± 0.15	<0.54 ± 0.13				
	2014/5/14	Cloudy	30.9	0.4					18.4	0.0	Light grayish greenish yellow	None	44	16.6	11	3.7	<0.42 ± 0.12	<0.49 ± 0.10				
	87	Hattanda River	Hattanda Bridge	Fukushima City					2014/6/16	Cloudy	28.9	0.3	23.2	0.0	Greenish yellowish white	None	>100	17.0	8	2.9	<0.62 ± 0.13	<0.49 ± 0.14
									2014/8/19	Cloudy	34.3	0.4	26.1	0.0	Light grayish greenish yellow	None	75	18.2	5	0.7	<0.64 ± 0.16	<0.49 ± 0.15
					2014/10/24	Sunny	12.8	0.3	12.5	0.0	Light grayish yellow	None	73	15.7	7	3.9	<0.57 ± 0.13	<0.63 ± 0.14				
					2014/12/22	Cloudy	1.9	0.3	11.3	0.0	Light grayish yellow green	None	68	17.8	7	3.7	<0.63 ± 0.10	<0.83 ± 0.16				
					2015/1/28	Sunny	1.1	0.2	5.4	0.0	Light grayish reddish yellow	None	55	18.2	8	4.0	<0.68 ± 0.12	<0.68 ± 0.16				
					2014/5/14	Cloudy	31.8	0.5	13.9	0.0	Colorless transparent	None	>100	5.1	2	1.3	<0.59 ± 0.13	<0.42 ± 0.096				
	88	Surikami River	Toisuna Bridge	Fukushima City	2014/6/12	Light rain	20.8	1.0	16.3	0.0	Light grayish yellow	None	53	5.5	12	2.6	<0.53 ± 0.13	<0.60 ± 0.13				
					2014/8/8	Light rain	28.6	0.4	22.8	0.0	Colorless transparent	None	>100	6.2	<1	0.2	<0.61 ± 0.15	<0.62 ± 0.15				
					2014/10/21	Cloudy	20.5	0.5	11.1	0.0	Light grayish yellow green	None	>100	6.1	13	1.3	<0.59 ± 0.12	<0.76 ± 0.16				
					2014/12/5	Cloudy	6.2	0.4	8.9	0.0	Light grayish yellow	None	>100	6.4	1	0.9	<0.61 ± 0.12	<0.68 ± 0.15				
					2015/2/5	Cloudy	4.1	0.3	4.0	0.0	Grayish yellow green	None	86	6.2	3	3.4	<0.51 ± 0.12	<0.59 ± 0.12				

Fukushima River (Water/Nakadori Area) 7/8

Location				Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
No.	Location		Municipality					Water temperature (°C)	Sampling depth (m)	Color	Odor	Transparency (cm)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Activity concentration (Bq/L)		
																Radioactive cesium		
												Cs-134	Cs-137					
Rivers	89	Surikami River	Before the confluence with Abukuma River	Fukushima City	2014/4/22	Sunny	20.0	0.4	9.9	0.0	Bluish greenish faint gray	None	>100	5.7	4	1.2	<0.59 ± 0.13	<0.51 ± 0.11
					2014/5/20	Cloudy	26.8	0.4	14.2	0.0	Yellowish white	None	>100	6.3	2	1.1	<0.70 ± 0.14	<0.55 ± 0.10
					2014/6/12	Light rain	19.8	1.0	16.2	0.0	Light grayish yellow	None	55	7.6	14	2.9	<0.55 ± 0.10	<0.50 ± 0.14
					2014/7/4	Cloudy	22.8	0.3	18.2	0.0	Colorless transparent	None	>100	5.6	4	1.0	<0.44 ± 0.098	<0.66 ± 0.15
					2014/8/20	Sunny	30.8	0.3	23.1	0.0	Colorless transparent	None	>100	8.4	3	0.4	<0.48 ± 0.11	<0.55 ± 0.14
					2014/9/16	Sunny	24.8	0.4	20.8	0.0	Colorless transparent	None	>100	7.8	2	0.5	<0.54 ± 0.13	<0.51 ± 0.10
					2014/10/21	Light rain	19.5	0.4	13.8	0.0	Colorless transparent	None	>100	7.7	2	0.8	<0.68 ± 0.12	<0.68 ± 0.14
					2014/12/11	Cloudy	5.2	0.5	6.8	0.0	Colorless transparent	None	>100	7.7	<1	0.2	<0.59 ± 0.12	<0.55 ± 0.11
					2015/1/7	Sunny	2.8	0.3	3.4	0.0	Colorless transparent	None	>100	8.2	2	1.0	<0.48 ± 0.11	<0.65 ± 0.14
					2015/2/5	Cloudy	5.1	0.4	4.5	0.0	Colorless transparent	None	>100	8.2	2	1.8	<0.73 ± 0.15	<0.47 ± 0.096
					2014/4/22	Sunny	18.1	0.8	11.6	0.0	Light grayish greenish yellow	None	71	16.1	7	2.4	<0.64 ± 0.13	<0.66 ± 0.15
					2014/5/14	Cloudy	30.9	0.7	18.6	0.0	Grayish yellow	None	48	17.8	15	3.0	<0.75 ± 0.14	<0.71 ± 0.16
					2014/6/6	Cloudy	22.5	0.4	22.0	0.0	Light grayish greenish yellow	None	54	19.4	10	3.0	<0.79 ± 0.17	<0.66 ± 0.15
					2014/7/22	Sunny	26.9	0.5	21.8	0.0	Light grayish reddish yellow	None	57	13.0	14	2.7	<0.62 ± 0.12	<0.58 ± 0.12
	2014/9/2	Cloudy	25.8	0.6	23.0	0.0	Light grayish greenish yellow	None	53	15.4	11	2.0	<0.69 ± 0.16	<0.59 ± 0.12				
	2014/9/25	Cloudy	23.5	0.6	20.4	0.0	Light grayish reddish yellow	None	67	19.5	9	2.5	<0.76 ± 0.18	<0.71 ± 0.18				
	2014/10/28	Cloudy	11.2	0.3	15.2	0.0	Light grayish yellow green	None	65	19.4	4	1.5	<0.54 ± 0.12	<0.55 ± 0.10				
	2014/12/8	Sunny	6.8	0.3	6.7	0.0	Colorless transparent	None	>100	17.8	4	2.8	<0.57 ± 0.11	<0.68 ± 0.15				
	2015/1/8	Cloudy	3.7	0.4	4.7	0.0	Light grayish reddish yellow	None	77	21.0	3	2.0	<0.70 ± 0.15	<0.58 ± 0.13				
	2015/2/4	Cloudy	4.8	0.5	4.7	0.0	Light grayish green	None	82	19.9	6	5.6	<0.50 ± 0.091	<0.57 ± 0.10				
	2014/5/23	Cloudy	21.7	0.3	14.4	0.0	Light grayish yellow	None	83	9.3	10	1.2	<0.67 ± 0.13	<0.57 ± 0.11				
	2014/6/20	Cloudy	25.2	0.2	18.9	0.0	Light grayish reddish yellow	None	76	9.6	6	1.0	<0.65 ± 0.14	<0.83 ± 0.15				
	2014/8/25	Cloudy	27.6	0.5	19.1	0.0	Light grayish reddish yellow	None	47	10.0	14	1.4	<0.47 ± 0.10	<0.62 ± 0.16				
	2014/10/3	Cloudy	26.5	0.2	19.2	0.0	Light grayish reddish yellow	None	62	9.5	8	2.4	<0.73 ± 0.16	<0.51 ± 0.14				
	2014/12/22	Cloudy	4.2	0.4	4.4	0.0	Colorless transparent	None	>100	11.7	1	0.6	<0.60 ± 0.10	<0.58 ± 0.14				
	2015/1/26	Cloudy	8.2	0.2	5.0	0.0	Light grayish reddish yellow	None	75	8.7	4	3.6	<0.56 ± 0.12	<0.76 ± 0.15				
	2014/5/14	Cloudy	27.8	0.3	16.3	0.0	Colorless transparent	None	>100	14.4	3	1.8	<0.58 ± 0.12	<0.41 ± 0.11				
	2014/6/6	Light rain	21.8	0.2	21.2	0.0	Greenish yellowish white	None	97	14.6	7	0.7	<0.53 ± 0.11	<0.66 ± 0.17				
	2014/8/20	Sunny	33.9	0.4	27.1	0.0	Light grayish reddish yellow	None	63	12.2	5	0.9	<0.50 ± 0.11	<0.60 ± 0.11				
	2014/10/24	Sunny	16.8	0.4	13.1	0.0	Light grayish reddish yellow	None	>100	11.5	4	1.1	<0.62 ± 0.12	<0.55 ± 0.11				
	2014/12/11	Cloudy	9.2	0.3	6.0	0.0	Colorless transparent	None	>100	12.0	2	0.5	<0.51 ± 0.12	<0.59 ± 0.12				
	2015/2/2	Cloudy	2.1	0.4	4.0	0.0	Colorless transparent	None	>100	13.5	2	2.0	<0.60 ± 0.13	<0.55 ± 0.14				
	2014/4/22	Sunny	19.0	0.4	12.8	0.0	Light grayish greenish yellow	None	92	18.7	4	1.8	<0.64 ± 0.13	<0.45 ± 0.11				
	2014/5/14	Sunny	28.0	0.3	19.6	0.0	Grayish yellow	None	32	19.3	18	8.3	<0.68 ± 0.15	<0.55 ± 0.17				
	2014/6/6	Light rain	21.3	0.4	20.2	0.0	Yellowish pale gray	None	37	27.7	17	2.7	<0.66 ± 0.14	<0.49 ± 0.14				
	2014/7/22	Sunny	34.2	0.5	21.2	0.0	Light grayish reddish yellow	None	59	12.0	8	2.3	<0.56 ± 0.13	<0.67 ± 0.15				
	2014/8/19	Sunny	33.2	0.4	24.9	0.0	Light grayish reddish yellow	None	57	18.8	6	0.9	<0.65 ± 0.15	<0.55 ± 0.11				
	2014/9/25	Cloudy	25.3	0.2	20.2	0.0	Light grayish reddish yellow	None	61	19.6	5	1.7	<0.51 ± 0.11	<0.76 ± 0.15				
	2014/10/24	Sunny	18.2	0.3	14.2	0.0	Light grayish reddish yellow	None	93	15.0	6	3.1	<0.62 ± 0.13	<0.41 ± 0.12				
	2014/12/11	Cloudy	10.3	0.3	5.1	0.0	Colorless transparent	None	>100	20.4	2	0.9	<0.66 ± 0.14	<0.59 ± 0.14				
	2015/1/8	Cloudy	3.2	0.4	4.2	0.0	Light grayish yellow green	None	87	15.8	3	1.6	<0.57 ± 0.13	<0.60 ± 0.14				
	2015/2/2	Cloudy	2.8	0.3	4.0	0.0	Light grayish reddish yellow	None	97	17.2	4	2.6	<0.56 ± 0.12	<0.71 ± 0.15				

Fukushima River (Water/Nakadori Area) 8/8

R i v e r s	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water										Remarks
	No.	Location	Municipality					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	
94	Hirose River	Before the confluence with Abukuma River	Date City	2014/4/22	Sunny	17.0	0.5	12.3	0.0	Greenish yellowish pale gray	None	71	12.8	6	2.4	<0.41 ± 0.12	<0.62 ± 0.15	
				2014/5/14	Sunny	22.2	0.3	16.5	0.0	Light grayish yellow green	None	73	19.7	10	2.0	<0.70 ± 0.13	<0.76 ± 0.17	
				2014/6/6	Cloudy	22.3	0.2	21.2	0.0	Greenish yellowish white	None	76	18.0	6	1.8	<0.57 ± 0.10	<0.63 ± 0.12	
				2014/7/22	Sunny	30.9	0.6	21.5	0.0	Grayish reddish yellow	None	37	11.0	20	3.3	<0.54 ± 0.13	<0.49 ± 0.12	
				2014/9/2	Light rain	25.3	0.6	23.2	0.0	Light grayish reddish yellow	None	57	14.3	5	3.2	<0.58 ± 0.11	<0.74 ± 0.15	
				2014/9/25	Cloudy	24.2	0.4	20.2	0.0	Light grayish reddish yellow	None	55	14.5	6	2.1	<0.61 ± 0.12	<0.47 ± 0.11	
				2014/10/24	Sunny	14.8	0.3	13.3	0.0	Light grayish reddish yellow	None	76	13.9	7	2.7	<0.50 ± 0.11	<0.55 ± 0.13	
				2014/12/11	Cloudy	11.1	0.2	6.3	0.0	Colorless transparent	None	>100	14.1	1	0.7	<0.66 ± 0.16	<0.47 ± 0.12	
				2015/1/8	Cloudy	4.2	0.3	4.2	0.0	Light grayish reddish yellow	None	85	14.6	5	2.7	<0.47 ± 0.10	<0.62 ± 0.094	
				2015/2/2	Sunny	2.2	0.2	3.6	0.0	Light grayish reddish yellow	None	93	17.2	4	2.2	<0.59 ± 0.13	<0.65 ± 0.15	
				2014/5/13	Cloudy	15.8	0.8	15.2	0.0	Colorless transparent	None	>100	7.9	3	1.0	<0.58 ± 0.11	<0.52 ± 0.12	
				2014/6/9	Cloudy	23.8	0.7	15.9	0.0	Light grayish greenish yellow	None	>100	6.3	5	0.9	<0.48 ± 0.10	<0.60 ± 0.13	
	2014/8/18	Sunny	27.2	0.5	21.0	0.0	Colorless transparent	None	>100	8.2	3	0.4	<0.65 ± 0.12	<0.68 ± 0.14				
	2014/10/7	Cloudy	18.4	0.9	16.9	0.0	Colorless transparent	None	>100	7.5	4	0.8	<0.57 ± 0.098	<0.58 ± 0.14				
	2014/12/3	Sunny	3.2	0.3	7.8	0.0	Colorless transparent	None	>100	7.7	<1	0.4	<0.48 ± 0.096	<0.47 ± 0.088				
	2015/1/29	Sunny	1.2	0.3	3.2	0.0	Colorless transparent	None	>100	8.2	3	0.9	<0.65 ± 0.13	<0.68 ± 0.16				
	2014/5/12	Sunny	21.4	0.6	17.4	0.0	Light grayish yellow	None	32	12.3	15	5.4	<0.77 ± 0.17	<0.65 ± 0.16				
	2014/6/3	Cloudy	24.9	0.3	22.2	0.0	Light grayish reddish yellow	None	>100	15.2	4	0.8	<0.64 ± 0.12	<0.56 ± 0.14				
	2014/8/4	Sunny	32.9	0.3	26.1	0.0	Colorless transparent	None	>100	11.4	<1	0.2	<0.55 ± 0.13	<0.52 ± 0.077				
	2014/10/1	Cloudy	17.2	0.3	17.9	0.0	Colorless transparent	None	>100	12.3	1	0.8	<0.56 ± 0.12	<0.47 ± 0.078				
	2014/12/18	Sunny	2.2	0.4	11.5	0.0	Colorless transparent	None	>100	13.5	2	1.0	<0.62 ± 0.12	<0.66 ± 0.15				
	2015/1/21	Cloudy	3.8	0.4	2.5	0.0	Colorless transparent	None	>100	11.9	2	0.9	<0.54 ± 0.11	<0.49 ± 0.097				
	2014/5/12	Sunny	19.0	0.3	15.6	0.0	Light grayish yellow green	None	55	10.7	4	2.0	<0.73 ± 0.13	<0.80 ± 0.16				
	2014/6/3	Cloudy	22.8	0.6	20.8	0.0	Light grayish reddish yellow	None	>100	11.7	3	0.7	<0.58 ± 0.10	<0.66 ± 0.14				
	2014/8/4	Sunny	31.2	0.4	24.5	0.0	Colorless transparent	None	>100	9.4	<1	0.3	<0.59 ± 0.13	<0.60 ± 0.095				
	2014/10/1	Cloudy	18.5	0.5	17.6	0.0	Colorless transparent	None	>100	10.1	2	1.0	<0.54 ± 0.14	<0.68 ± 0.15				
	2014/12/18	Sunny	2.5	0.3	10.5	0.0	Colorless transparent	None	>100	9.4	2	0.8	<0.43 ± 0.09	<0.62 ± 0.15				
	2015/1/21	Cloudy	2.8	0.4	1.5	0.0	Colorless transparent	None	>100	9.7	1	1.0	<0.64 ± 0.14	<0.55 ± 0.083				

Fukushima River (Sediment/Nakadori 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	General items							Sediment content (%)			Density (g/cm ³)				Property			Activity concentration (Bq/kg(dry))		
												Coarse gravel	Fine gravel	Coarse sand	Medium sand	Fine sand	Silt	Clay	Sediment content (%)	Density (g/cm ³)	Property	Activity concentration (Bq/kg(dry))									
																						Grain size distribution (%)				Activity concentration (Bq/kg(dry))					
												Cs-134			Cs-137			Total													
94	Hirose River	Before the confluence with Abukuma River	Date City	2014/4/22	Sunny	17.0	0.5	12.5	3	None	None	0.0	0.2	9.0	32.2	34.5	0.4	0.2	3.7	76.7	2.646	Sand	140 ± 8.9	420 ± 15	560						
				2014/5/14	Sunny	22.2	0.3	16.3	3	Brown	None	0.0	0.7	7.1	30.9	56.6	1.0	0.3	5.4	78.8	2.653	Sand	130 ± 8.3	460 ± 14	530						
				2014/6/6	Cloudy	22.3	0.2	21.8	3	Dark yellowish brown	None	0.0	3.3	15.1	28.4	43.2	6.6	1.0	2.4	81.2	2.675	Gravel/sand	140 ± 7.1	390 ± 12	530						
				2014/7/22	Sunny	30.9	0.6	21.2	3	Dark brown	None	0.0	2.6	28.8	21.9	36.0	6.2	1.3	3.1	80.7	2.631	Gravel/sand	180 ± 9.3	530 ± 14	710						
				2014/9/2	Light rain	25.3	0.6	22.8	5	Brownish gray	Faint	0.0	0.7	13.1	21.0	38.1	18.7	4.9	2.9	81.0	2.650	Sand/gravel	270 ± 9.9	870 ± 18	1140						
				2014/9/25	Cloudy	24.2	0.4	19.7	3	Dim yellowish brown	None	0.0	1.8	35.8	46.9	13.4	0.2	0.4	1.5	80.0	2.638	Gravel/sand	66 ± 5.0	180 ± 8.5	246						
				2014/10/24	Sunny	14.8	0.3	13.0	5	Dim yellowish brown	None	0.0	0.9	36.3	44.4	16.2	0.9	0.3	0.9	80.7	2.656	Gravel/sand	54 ± 4.5	200 ± 8.3	254						
				2014/12/11	Cloudy	11.1	0.2	6.2	3	Brown	None	0.0	0.4	16.3	45.4	33.6	0.9	0.4	3.0	79.4	2.624	Gravel/sand	74 ± 5.7	270 ± 10	344						
				2015/1/8	Cloudy	4.2	0.3	4.7	5	Yellowish brown	None	0.0	1.4	38.2	43.4	14.0	0.3	0.4	2.3	94.0	2.644	Gravel/sand	33 ± 4.8	120 ± 8.0	153						
				2015/2/2	Sunny	2.2	0.2	3.8	3	Brown	None	0.0	3.2	31.3	31.9	11.7	0.7	0.1	1.1	83.6	2.657	Gravel/sand	32 ± 4.2	120 ± 7.8	152						
				2014/5/13	Cloudy	15.8	0.8	14.8	5	Blackish brown	None	0.0	19.3	33.8	25.8	14.8	3.6	0.3	2.4	79.1	2.732	Gravel/sand	28 ± 4.6	110 ± 7.4	138						
				2014/6/9	Cloudy	23.8	0.7	16.5	10	Blackish brown	None	0.0	23.8	45.4	16.5	10.5	1.9	0.9	1.1	80.0	2.728	Gravel/sand	26 ± 3.2	83 ± 5.4	109						
	2014/8/18	Sunny	27.2	0.5	20.8	5	Dark brown	None	0.0	14.9	44.4	24.4	12.7	1.1	0.5	2.0	81.2	2.759	Gravel/sand	14 ± 2.5	38 ± 3.8	52									
	2014/10/7	Cloudy	18.4	0.9	17.2	10	Blackish brown	None	0.0	19.2	51.3	16.6	8.9	3.0	0.2	1.0	77.5	2.727	Gravel/sand	17 ± 3.8	54 ± 5.6	71									
	2014/12/3	Sunny	3.5	0.3	8.0	5	Black	None	0.0	5.5	27.6	31.0	30.0	2.7	0.1	3.0	78.9	2.794	Gravel/sand	17 ± 2.5	61 ± 4.9	78									
	2015/1/29	Sunny	1.3	0.3	3.4	3	Dark brown	None	0.0	2.7	14.0	28.8	47.2	8.6	2.0	4.8	77.7	2.757	Gravel/sand	16 ± 3.8	46 ± 6.0	82									
	2014/5/12	Sunny	21.4	0.6	17.0	5	Brown	None	0.0	4.5	43.4	46.2	3.3	0.1	0.9	1.7	94.9	2.673	Gravel/sand	3.4 ± 0.28	8.7 ± 0.35	12.1									
	2014/6/3	Cloudy	24.9	0.3	22.8	5	Dim yellowish brown	None	0.0	1.9	48.3	41.1	6.0	0.2	0.5	2.1	92.0	2.646	Gravel/sand	<7.2 ± 2.3	13 ± 3.1	13									
	2014/8/4	Sunny	32.9	0.3	25.8	5	Brown	None	0.0	0.3	14.8	53.1	24.5	0.1	1.4	5.9	79.3	2.654	Gravel/sand	<6.8 ± 1.9	12 ± 2.6	12									
	2014/10/1	Cloudy	17.2	0.3	18.1	3	Dark grayish yellow	None	0.0	0.3	7.6	50.9	32.5	5.3	1.7	1.8	78.7	2.677	Sand	<8.2 ± 2.7	22 ± 3.0	22									
	2014/12/18	Sunny	2.2	0.4	11.7	3	Dark grayish yellow	None	0.0	4.1	30.1	32.2	29.7	1.3	0.6	2.3	79.9	2.672	Gravel/sand	4.3 ± 1.4	8.5 ± 1.8	12.8									
	2015/1/21	Cloudy	3.8	0.4	3.1	3	Brownish gray	None	0.0	1.8	40.3	33.6	11.2	10.9	1.4	0.9	85.8	2.674	Gravel/sand	<9.3 ± 2.6	14 ± 2.6	14									
	2014/5/12	Sunny	19.0	0.3	16.0	5	Brown	None	0.0	0.0	3.5	16.9	75.0	2.2	0.0	2.3	78.9	2.665	Sand	<8.1 ± 2.5	11 ± 3.0	11									
	2014/6/3	Cloudy	22.8	0.6	20.2	5	Brown	None	0.0	0.5	16.7	60.7	14.2	0.6	0.6	2.7	82.7	2.667	Gravel/sand	2.0 ± 0.47	7.6 ± 0.57	9.6									
2014/8/4	Sunny	31.2	0.4	24.2	5	Brown	None	0.0	0.6	6.0	29.8	54.6	2.7	0.7	5.7	78.5	2.653	Sand	4.0 ± 0.39	13 ± 0.54	17.0										
2014/10/1	Cloudy	18.5	0.5	17.8	3	Brown	None	0.0	0.4	3.4	18.0	62.9	13.0	0.8	1.5	80.1	2.688	Sand	<8.0 ± 2.5	11 ± 2.9	11										
2014/12/18	Sunny	2.5	0.3	10.3	3	Brown	None	0.0	2.5	27.3	35.3	30.4	1.1	0.5	2.8	80.5	2.676	Gravel/sand	2.2 ± 0.28	7.3 ± 0.35	9.5										
2015/1/21	Cloudy	2.8	0.4	1.8	3	Brown	None	0.0	2.7	33.7	37.7	24.6	0.5	0.3	0.5	86.1	2.675	Gravel/sand	2.2 ± 0.23	6.5 ± 0.32	8.7										

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			Radioactive cesium			Radioactive cesium									
			Cs-134	Cs-137	Total	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	2014/4/22	Sunny	17.0	Brown	medium	Loamy	620 ± 24	1,600 ± 39	2,220	0.51	Yellowish brown	mm	Loamy	600 ± 22	1,700 ± 39	2,300	0.47
					2014/5/14	Sunny	22.2	Brown	None	Loamy	660 ± 28	1,800 ± 48	2,460	0.49	Brown	None	Loamy	380 ± 19	980 ± 32	1,360	0.46
					2014/6/6	Cloudy	22.3	Dim yellowish brown	None	Loamy	340 ± 17	940 ± 28	1,280	0.47	Dim yellowish brown	None	Loamy	220 ± 13	600 ± 22	820	0.43
					2014/7/22	Sunny	30.9	Dim yellowish brown	None	Loamy	410 ± 19	1,200 ± 33	1,610	0.38	Yellowish brown	None	Loamy	400 ± 20	1,200 ± 34	1,600	0.37
					2014/9/2	Light rain	25.3	Brown	None	Loamy	210 ± 15	670 ± 27	880	0.39	Brown	None	Loamy	290 ± 18	800 ± 30	1,090	0.54
					2014/9/25	Cloudy	24.2	Dark brown	None	Loamy	1,300 ± 35	4,100 ± 63	5,400	0.39	Brown	None	Loamy	280 ± 15	870 ± 27	1,150	0.63
					2014/10/24	Sunny	14.8	Brown	None	Loamy	120 ± 10	410 ± 17	530	0.38	Dark brown	None	Loamy	340 ± 17	1,200 ± 31	1,540	0.58
					2014/12/11	Cloudy	11.1	Brown	None	Loamy	110 ± 9.2	340 ± 16	450	0.38	Dim yellowish brown	None	Loamy	520 ± 21	1,900 ± 40	2,420	0.44
					2015/1/8	Cloudy	4.2	Light brown	None	Loamy	100 ± 11	320 ± 19	420	0.39	Brown	None	Loamy	200 ± 15	620 ± 26	820	0.57
					2015/2/2	Sunny	2.2	Dark brown	None	Loamy	110 ± 11	400 ± 20	510	0.25	Brown	None	Loamy	210 ± 15	790 ± 29	1,000	0.30
					2014/5/13	Cloudy	15.8	Blackish brown	None	Loamy	580 ± 21	1,600 ± 36	2,180	0.33	Dim yellowish brown	None	Loamy	540 ± 25	1,500 ± 42	2,040	0.33
					2014/6/9	Cloudy	23.8	Blackish brown	mm	Loamy	620 ± 24	1,700 ± 40	2,320	0.27	Dark brown	mm	Loamy	1,100 ± 46	3,400 ± 81	4,500	0.28
	2014/8/18	Sunny	27.2	Dark brown	None	Loamy	400 ± 22	1,200 ± 39	1,600	0.31	Dark brown	None	Loamy	680 ± 32	2,000 ± 57	2,680	0.29				
	2014/10/7	Cloudy	18.4	Blackish brown	None	Loamy	930 ± 35	2,900 ± 64	3,830	0.30	Dark brown	None	Loamy	470 ± 30	1,600 ± 56	2,070	0.30				
	2014/12/3	Sunny	3.2	Blackish brown	None	Loamy	450 ± 21	1,400 ± 36	1,850	0.31	Blackish brown	None	Loamy	640 ± 32	2,200 ± 60	2,840	0.29				
	2015/1/29	Sunny	1.2	Blackish brown	None	Loamy	560 ± 28	2,000 ± 53	2,560	0.30	Dark brown	None	Loamy	390 ± 28	1,300 ± 52	1,690	0.29				
	2014/5/12	Sunny	21.4	Brown	None	Loamy	160 ± 12	490 ± 21	650	0.16	Brown	None	Loamy	230 ± 13	640 ± 22	870	0.17				
	2014/6/3	Cloudy	24.9	Brown	mm	Loamy	320 ± 19	770 ± 31	1,090	0.15	Dim yellowish brown	None	Loamy	240 ± 16	680 ± 26	920	0.18				
	2014/8/4	Sunny	32.9	mm	None	Loamy	190 ± 17	530 ± 27	720	0.14	Dim yellowish brown	None	Loamy	120 ± 11	360 ± 20	480	0.16				
	2014/10/1	Cloudy	17.2	Dark brown	None	Loamy	130 ± 11	480 ± 20	610	0.16	Dark brown	None	Loamy	210 ± 12	600 ± 20	810	0.20				
	2014/12/18	Sunny	2.2	Blackish brown	None	Loamy	140 ± 12	430 ± 23	570	0.13	Dark brown	None	Loamy	180 ± 8.9	300 ± 15	480	0.15				
	2015/1/21	Cloudy	3.8	Dim yellowish brown	None	Loamy	83 ± 11	230 ± 17	313	0.14	Blackish brown	None	Loamy	220 ± 16	760 ± 29	980	0.16				
	2014/5/12	Sunny	19.0	Blackish brown	None	Loamy	66 ± 7.7	180 ± 12	246	0.10	Dark brown	None	Loamy	47 ± 6.9	110 ± 11	157	0.08				
	2014/6/3	Cloudy	22.8	mm	None	Loamy	53 ± 3.6	140 ± 5.7	193	0.11	Dim yellowish brown	None	Loamy	44 ± 8.1	100 ± 12	144	0.09				
2014/8/4	Sunny	31.2	Dim yellowish brown	None	Loamy	31 ± 7.4	100 ± 11	131	0.11	Dim yellowish brown	None	Loamy	27 ± 6.4	78 ± 11	105	0.09					
2014/10/1	Cloudy	18.5	mm	None	Loamy	50 ± 6.2	130 ± 10	180	0.11	Dark brown	None	Loamy	23 ± 4.9	75 ± 8.4	98	0.10					
2014/12/18	Sunny	2.5	Blackish brown	None	Loamy	36 ± 6.2	120 ± 10	156	0.11	Dark brown	None	Loamy	17 ± 4.8	51 ± 6.9	68	0.09					
2015/1/21	Cloudy	2.8	Dark brown	None	Loamy	30 ± 7.2	130 ± 13	160	0.11	Dark brown	None	Loamy	15 ± 2.3	43 ± 3.4	58	0.09					

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

Lake and Reservoirs	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														
165	Surikamigawa Dam Reservoir	Fukushima City	Surface layer	2014/5/28	Sunny	26.8	79.4	15.9	0.5	Colorless transparent	None	3.5	3.8	1	0.7	<0.62 ± 0.15	<0.63 ± 0.11		
			Deep layer					9.8	78.4	-	None		4.4	<1	0.9	<0.74 ± 0.17	<0.55 ± 0.092		
			Surface layer	2014/6/24	Cloudy	24.8	79.8	22.0	0.5	Light grayish yellow	None	3.2	3.8	<1	0.7	<0.65 ± 0.12	<0.68 ± 0.14		
			Deep layer					16.8	78.8	-	None		5.3	<1	0.6	<0.55 ± 0.12	<0.62 ± 0.14		
			Surface layer	2014/8/8	Cloudy	30.8	75.1	29.5	0.5	Grayish bluish green	None	5.4	4.0	<1	0.2	<0.52 ± 0.13	<0.51 ± 0.048		
			Deep layer					11.1	74.1	-	None		6.5	5	2.2	<0.71 ± 0.13	<0.72 ± 0.14		
			Surface layer	2014/10/21	Sunny	18.2	65.0	15.5	0.5	Grayish blue green	None	3.2	4.4	1	0.7	<0.56 ± 0.13	<0.63 ± 0.11		
			Deep layer					9.0	64.0	-	None		7.2	1	1.0	<0.59 ± 0.093	<0.51 ± 0.10		
			Surface layer	2014/12/5	Light snow	2.2	65.0	8.8	0.5	Dark grayish green	None	4.5	4.4	1	0.5	<0.68 ± 0.13	<0.59 ± 0.12		
			Deep layer					5.1	64.0	-	None		6.9	1	1.2	<0.51 ± 0.12	<0.59 ± 0.11		
			Surface layer	2015/2/5	Cloudy	1.2	61.0	2.5	0.5	Grayish bluish green	None	3.2	4.9	2	1.9	<0.54 ± 0.10	<0.51 ± 0.15		
			Deep layer					3.0	60.0	-	None		5.0	2	1.9	<0.48 ± 0.10	<0.51 ± 0.10		
			Surface layer	2014/5/28	Sunny	28.9	0.9	22.4	0.0	Colorless transparent	None	>0.9	12.0	<1	0.5	<0.59 ± 0.14	<0.47 ± 0.14		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/6/24	Cloudy	24.7	1.4	22.2	0.0	Light grayish greenish yellow	None	>1.4	13.8	2	0.8	<0.55 ± 0.093	<0.56 ± 0.14		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/7/18	Cloudy	22.1	1.4	20.8	0.0	Light grayish yellow green	None	>1.4	14.6	2	0.2	<0.68 ± 0.16	<0.62 ± 0.14		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/8/19	Cloudy	28.4	0.6	24.5	0.0	Light grayish yellow green	None	>0.6	13.5	<1	0.3	<0.65 ± 0.13	<0.68 ± 0.15		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/9/25	Cloudy	21.8	0.9	19.2	0.0	Light grayish yellow green	None	>0.9	14.3	<1	0.7	<0.72 ± 0.14	<0.65 ± 0.17		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/10/24	Sunny	10.8	0.8	14.5	0.0	Light grayish greenish yellow	None	>0.8	12.7	1	0.6	<0.63 ± 0.14	<0.58 ± 0.13		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/11/17	Cloudy	9.7	0.8	9.9	0.0	Grayish yellow green	None	>0.8	12.6	2	2.4	<0.73 ± 0.16	<0.72 ± 0.14		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/12/11	Sunny	7.2	0.6	7.2	0.0	Grayish yellow green	None	>0.6	11.1	2	1.5	<0.62 ± 0.14	<0.42 ± 0.096		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2015/1/8	Cloudy	1.2	0.8	3.0	0.0	Grayish yellowish green	None	>0.8	10.5	<1	0.7	<0.68 ± 0.13	<0.68 ± 0.15		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2015/2/2	Sunny	1.2	1.0	3.0	0.0	Grayish bluish green	None	>1.0	10.9	1	1.2	<0.67 ± 0.13	<0.62 ± 0.13		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/5/26	Cloudy	20.8	1.1	19.7	0.0	Light grayish reddish yellow	None	>1.1	5.7	3	2.5	<0.75 ± 0.16	<0.68 ± 0.13		
			Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water
			Surface layer	2014/6/18	Cloudy	24.1	1.1	25.0	0.0	Colorless transparent	None	>1.1	6.0	3	1.3	<0.61 ± 0.14	<0.74 ± 0.13		
Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer	2014/8/22	Sunny	32.4	0.6	30.2	0.0	Dark grayish reddish yellow	None	>0.6	5.4	8	2.7	<0.59 ± 0.14	<0.55 ± 0.12					
Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer	2014/10/27	Cloudy	18.1	0.8	15.5	0.0	Grayish reddish yellow	None	>0.8	5.8	5	2.5	<0.58 ± 0.11	<0.62 ± 0.16					
Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer	2014/12/9	Cloudy	0.2	0.7	5.5	0.0	Grayish reddish yellow	None	>0.7	6.4	4	2.0	<0.75 ± 0.15	<0.68 ± 0.16					
Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			
Surface layer	2015/2/9	Sunny	-2.5	0.8	4.0	0.0	Grayish reddish yellow	None	>0.8	5.9	36	9.8	<0.51 ± 0.12	<0.62 ± 0.15					
Deep layer					-	-	-	-	-	-	-	-	-	-	-	Collected only from the surface layer due to shallow water			

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

Reservoir 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)	Radioactive cesium				
																Cs-134	Cs-137			
176	Lake Nanko	Shirakawa City	Surface layer	2014/5/22	Cloudy	15.2	1.3	18.2	0.0	Light grayish yellow green	None	>1.3	31.8	2	1.6	<0.48 ± 0.14	<0.68 ± 0.18	Collected only from the surface layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Surface layer	2014/6/17	Sunny	26.9	0.9	25.8	0.0	Light grayish yellow green	None	>0.9	38.8	2	0.5	<0.56 ± 0.14	<0.55 ± 0.13	Collected only from the surface layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Surface layer	2014/8/18	Cloudy	25.5	0.9	27.2	0.0	Grayish yellow green	None	0.6	28.9	2	0.4	<0.65 ± 0.15	<0.72 ± 0.14	Collected only from the surface layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Surface layer	2014/10/7	Cloudy	17.6	0.9	17.8	0.0	Grayish yellow	None	0.8	28.5	6	5.2	<0.52 ± 0.11	<0.52 ± 0.14	Collected only from the surface layer due to shallow water		
			Deep layer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Surface layer	2014/12/3	Sunny	9.2	1.4	8.0	0.0	Grayish yellow green	None	0.6	24.8	6	11	<0.42 ± 0.084	<0.63 ± 0.12	Collected only from the surface layer due to shallow water		
			Deep layer	2015/1/16	Sunny	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought

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 ³)	Property	Radioactive cesium						
												Coarse gravel	Medium gravel	Fine gravel	Grain size distribution (%)		Fine sand	Silt				Clay	Cs-134		Cs-137	Total		
															Coarse sand	Medium sand												
174	South (farm pond)	Izumikawa	Shirakawa City	2014/5/29	Sunny	24.7	1.3	22.8	10	Brown	None	0.0	7.7	33.0	28.4	16.3	7.3	3.1	3.3	79.6	2.621	Gravel/sand	880 ± 15	1,400 ± 26	1,880			
				2014/6/27	Cloudy	21.2	0.6	23.4	10	Blackish brown	None	0.0	7.7	14.3	9.4	24.2	13.1	21.6	13.4	48.3	2.513	Sand/silt	96 ± 11	230 ± 16	326			
				2014/9/2	Sunny	24.8	0.5	22.3	5	Blackish brown	None	0.0	0.0	6.4	6.5	33.2	21.0	14.3	17.8	35.2	2.562	Sand/gravel	170 ± 10	900 ± 17	670			
				2014/10/29	Sunny	16.2	0.4	16.1	5	Faint hydrogen sulfide	Faint drain	0.0	0.3	1.5	3.6	20.1	25.7	24.0	24.0	41.7	2.510	Silt/sand	990 ± 35	2,900 ± 60	3,890			
				2014/12/3	Sunny	6.3	0.7	7.8	10	Blackish brown	None	0.0	0.3	7.6	8.7	29.5	26.0	7.8	19.3	46.1	2.563	Silt/sand	860 ± 26	3,000 ± 48	3,860			
				2015/1/5	Cloudy	6.0	0.7	9.8	10	Brown	None	0.0	4.1	31.6	19.4	27.6	9.9	3.4	2.4	77.1	2.647	Sand/gravel	170 ± 8.7	610 ± 16	780			
				2014/5/27	Sunny	21.9	16.0	12.2	10	Dark brown	None	7.0	4.7	2.1	3.9	16.1	14.1	30.5	21.4	53.2	2.563	Silt/sand	580 ± 19	1,100 ± 32	1,480			
				2014/6/19	Light rain	21.8	12.1	12.1	10	Blackish brown	Faint drain	0.0	0.5	1.8	1.6	2.8	3.7	67.1	22.6	23.4	2.408	Silt	1,000 ± 40	2,900 ± 69	3,900			
				2014/8/7	Sunny	26.8	16.4	16.4	10	Grayish olive	Faint drain	0.0	0.0	0.3	0.4	1.0	2.1	26.3	19.2	28.3	2.396	Silt	1,100 ± 28	3,300 ± 83	4,400			
				2014/10/20	Cloudy	16.5	24.9	12.8	10	Grayish olive	Faint drain	0.0	0.0	0.0	0.0	0.1	0.5	64.4	35.0	27.2	2.404	Silt	1,600 ± 58	5,000 ± 110	6,600			
2014/12/4	Cloudy	5.2	24.6	7.4	10	Olive brown	None	0.0	0.0	0.0	0.0	0.1	1.9	65.8	32.3	28.5	2.378	Silt	780 ± 35	2,700 ± 67	3,480							
175	Hokkawa Dam		Nabigo Village	2015/1/15	Light snow	1.2	21.3	2.2	10	Olive	None	0.0	0.0	0.0	1.0	1.7	81.0	17.1	26.6	2.405	Silt	690 ± 35	2,300 ± 66	2,990				
				2014/5/22	Cloudy	15.2	1.3	17.9	5	Black	Faint sewage	0.0	9.8	15.4	14.9	25.8	11.3	16.2	8.6	47.1	2.405	Silt/sand	290 ± 17	720 ± 28	970			
				2014/6/17	Sunny	26.0	0.9	25.2	10	Black	Faint drain	0.0	0.0	0.0	0.0	0.1	0.1	61.3	39.4	13.9	2.152	Silt	1,600 ± 75	4,800 ± 130	6,400			
				2014/8/18	Cloudy	25.5	0.9	26.2	10	Black	Faint drain	0.0	0.0	0.0	0.3	0.1	0.1	77.6	22.1	15.9	2.109	Silt	2,600 ± 88	8,300 ± 160	10,900			
176	Lake Nanko		Shirakawa City	2014/10/7	Cloudy	17.6	0.8	18.0	10	Black	Faint drain	0.0	3.9	5.4	6.3	0.1	9.4	47.2	21.4	30.2	2.282	Silt	190 ± 18	650 ± 21	860			
				2014/12/3	Sunny	9.2	1.4	8.1	10	Faint hydrogen sulfide	Faint drain	0.0	0.0	0.0	0.1	0.1	68.3	31.6	14.2	2.169	Silt	1,800 ± 75	5,600 ± 130	7,400				
				2015/1/16	Sunny	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to drought

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

No.	Location		Municipality	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																			
			Cs-134	Cs-137	Total														
165	Surikamigawa Dam Reservoir		Fukushima City	2014/5/28	Sunny	26.8	Dim yellowish brown	None	Loamy	110 ± 8.6	300 ± 14	410	0.16						
				2014/6/24	Cloudy	24.8	Dim yellowish brown	None	Loamy	190 ± 12	570 ± 20	760	0.16						
				2014/8/8	Cloudy	30.8	Yellowish brown	faint earth	Loamy	220 ± 13	650 ± 22	870	0.17						
				2014/10/21	Sunny	18.2	Brown	None	Loamy	140 ± 9.9	450 ± 18	590	0.18						
				2014/12/5	Light snow	2.2	Yellowish brown	None	Loamy	120 ± 9.4	370 ± 16	490	0.15						
				2015/2/5	Cloudy	1.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground				
				2014/5/28	Sunny	28.9	Brown	None	Loamy	690 ± 17	1,900 ± 28	2,590	0.64						
				2014/6/24	Cloudy	24.7	Brown	None	Loamy	760 ± 24	2,100 ± 42	2,860	0.67						
				2014/7/18	Cloudy	22.1	Dim yellowish brown	faint earth	Loamy	900 ± 30	2,600 ± 52	3,500	0.62						
				2014/8/19	Cloudy	28.4	Dim yellowish brown	faint earth	Loamy	230 ± 15	680 ± 26	910	0.63						
166	North (farm pond)		Lake Handanuma	Kori Town	2014/9/25	Cloudy	21.8	Dark brown	faint earth	Loamy	1,600 ± 39	4,900 ± 69	6,500	0.65					
					2014/10/24	Sunny	10.8	Dark brown	faint earth	Loamy	500 ± 22	1,600 ± 40	2,100	0.63					
					2014/11/17	Cloudy	9.7	Brown	None	Loamy	220 ± 13	690 ± 23	910	0.61					
					2014/12/11	Sunny	7.2	Brown	None	Loamy	160 ± 11	520 ± 19	680	0.57					
					2015/1/8	Cloudy	1.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
					2015/2/2	Sunny	1.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
					2014/5/26	Cloudy	20.8	Brown	None	Loamy	1,500 ± 27	4,300 ± 46	5,800	0.78					
					2014/6/18	Cloudy	24.1	Dim yellowish brown	None	Loamy	690 ± 28	2,000 ± 49	2,690	0.80					
					2014/8/22	Sunny	32.4	Brown	None	Loamy	230 ± 16	680 ± 28	910	0.75					
					2014/10/27	Cloudy	18.1	Dim yellowish brown	None	Loamy	630 ± 26	2,100 ± 49	2,730	0.77					
167			Oike	Motomiya City	2014/12/9	Cloudy	0.2	Dim yellowish brown	None	Loamy	430 ± 20	1,500 ± 36	1,930	0.73					
					2015/2/9	Sunny	-2.5	Yellowish brown	None	Loamy	730 ± 30	2,400 ± 55	3,130	0.69					
					2014/5/26	Cloudy	19.3	Dim orange	None	Loamy	240 ± 11	630 ± 17	870	0.21					
					2014/6/18	Cloudy	23.1	Brown	None	Loamy	99 ± 12	250 ± 17	349	0.23					
					2014/7/16	Cloudy	27.7	Yellowish brown	None	Loamy	250 ± 17	590 ± 26	840	0.21					
					2014/8/11	Cloudy	26.3	Brown	faint earth	Loamy	200 ± 13	590 ± 22	790	0.21					
					2014/9/9	Sunny	23.1	Brown	None	Loamy	80 ± 8.0	200 ± 13	280	0.22					
					2014/10/8	Sunny	17.3	Brown	faint earth	Loamy	280 ± 18	810 ± 30	1,090	0.22					
					2014/11/10	Sunny	13.2	Dim yellowish brown	None	Loamy	310 ± 20	930 ± 35	1,240	0.20					
					2014/12/10	Cloudy	4.8	Blackish brown	None	Loamy	71 ± 7.6	230 ± 13	301	0.19					
168	Miharu Dam		Miharu Town	2015/1/14	Sunny	4.5	Brown	None	Loamy	120 ± 13	340 ± 21	460	0.19						
				2015/2/19	Cloudy	2.1	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground				
				2014/5/21	Light rain	14.1	Blackish brown	None	Loamy	930 ± 25	2,500 ± 41	3,430	0.37						
				2014/6/13	Cloudy	25.9	Dim yellowish brown	None	Loamy	970 ± 28	2,700 ± 48	3,670	0.41						
				2014/8/5	Sunny	32.8	Brown	None	Loamy	1,600 ± 45	4,700 ± 78	6,300	0.36						
				2014/10/10	Cloudy	20.8	Brown	None	Loamy	700 ± 23	2,300 ± 41	3,000	0.37						
				2014/12/12	Cloudy	3.2	Dark brown	None	Loamy	940 ± 28	3,100 ± 51	4,040	0.35						
				2015/1/13	Sunny	2.2	Blackish brown	None	Loamy	1,400 ± 42	4,600 ± 77	6,000	0.30						
				169	Naka (farm pond)		Honokusa	Koriyama City	2014/5/21	Light rain	14.1	Blackish brown	None	Loamy	930 ± 25	2,500 ± 41	3,430	0.37	
									2014/6/13	Cloudy	25.9	Dim yellowish brown	None	Loamy	970 ± 28	2,700 ± 48	3,670	0.41	
2014/8/5	Sunny	32.8	Brown						None	Loamy	1,600 ± 45	4,700 ± 78	6,300	0.36					
2014/10/10	Cloudy	20.8	Brown						None	Loamy	700 ± 23	2,300 ± 41	3,000	0.37					
2014/12/12	Cloudy	3.2	Dark brown						None	Loamy	940 ± 28	3,100 ± 51	4,040	0.35					
2015/1/13	Sunny	2.2	Blackish brown						None	Loamy	1,400 ± 42	4,600 ± 77	6,000	0.30					

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

	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										
L a k e s a n d R e s e r v o i r s	170	Lake Hatori	Tenei Village	2014/6/5	Light rain	15.5	Blackish brown	faint earth	Loamy	230 ± 18	620 ± 29	850	0.13		
				2014/6/27	Cloudy	24.8	Blackish brown	None	Loamy	210 ± 15	560 ± 25	770	0.12		
				2014/9/5	Cloudy	24.0	Blackish brown	None	Loamy	160 ± 13	480 ± 22	640	0.12		
				2014/10/10	Sunny	20.1	Blackish brown	None	Loamy	100 ± 10	310 ± 17	410	0.12		
				2014/12/12	Cloudy	0.3	Blackish brown	None	Loamy	52 ± 8.0	200 ± 14	252	0.11		
				2015/1/13	Cloudy	1.1	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground	
	171	Naka (farm pond)	Hirodaira	Sukagawa City	2014/5/22	Cloudy	18.8	Black	None	Loamy	380 ± 14	1,100 ± 24	1,480	0.13	
					2014/6/13	Cloudy	26.0	Black	None	Loamy	270 ± 15	720 ± 26	990	0.14	
					2014/8/21	Cloudy	28.2	Black	faint earth	Loamy	390 ± 22	1,200 ± 39	1,590	0.14	
					2014/10/17	Cloudy	14.8	Blackish brown	faint earth	Loamy	110 ± 9.3	380 ± 16	490	0.14	
					2014/12/17	Light snow	-0.5	Blackish brown	None	Loamy	88 ± 8.7	280 ± 15	368	0.12	
					2015/1/16	Cloudy	3.9	Blackish brown	None	Loamy	110 ± 11	430 ± 21	540	0.11	
	172	Sengosawa Dam Reservoir	Ishikawa Town	Ishikawa Town	2014/5/27	Light rain	19.2	Blackish brown	faint earth	Loamy	370 ± 15	990 ± 25	1,360	0.13	
					2014/6/19	Cloudy	26.8	Blackish brown	None	Loamy	240 ± 16	770 ± 29	1,010	0.16	
					2014/8/7	Sunny	30.2	Dim yellowish brown	None	Loamy	140 ± 11	410 ± 19	550	0.16	
					2014/10/20	Sunny	17.8	Blackish brown	None	Loamy	120 ± 11	410 ± 18	530	0.15	
					2014/12/4	Cloudy	8.8	Dim yellowish brown	None	Loamy	83 ± 8.8	260 ± 16	343	0.13	
					2015/1/15	Cloudy	2.3	Dark brown	None	Loamy	180 ± 16	660 ± 29	840	0.13	
	173	South (farm pond)	Watariike	Yabuki Town	2014/5/22	Cloudy	18.2	Yellowish brown	None	Loamy	310 ± 12	850 ± 20	1,160	0.13	
					2014/6/17	Cloudy	27.3	Dark brown	None	Loamy	120 ± 12	300 ± 19	420	0.13	
					2014/9/1	Cloudy	20.6	Yellowish brown	None	Loamy	70 ± 10	210 ± 18	280	0.13	
					2014/10/29	Sunny	14.8	Yellowish brown	None	Loamy	89 ± 12	350 ± 21	439	0.13	
					2014/12/16	Cloudy	0.8	Light brown	None	Loamy	130 ± 12	450 ± 22	580	0.13	
					2015/1/16	Sunny	4.5	Brown	None	Loamy	81 ± 10	230 ± 18	311	0.10	
	174	Izumikawa	Shirakawa City	Shirakawa City	2014/5/29	Sunny	23.7	Blackish brown	None	Loamy	1,700 ± 46	5,000 ± 80	6,700	0.42	
					2014/6/27	Cloudy	23.2	Black	faint earth	Loamy	740 ± 33	2,200 ± 56	2,940	0.44	
					2014/9/2	Sunny	24.8	Blackish brown	faint earth	Loamy	620 ± 33	2,000 ± 59	2,620	0.39	
					2014/10/29	Sunny	16.2	Blackish brown	None	Loamy	670 ± 30	1,900 ± 51	2,570	0.42	
					2014/12/3	Sunny	6.3	Blackish brown	None	Loamy	900 ± 34	2,900 ± 62	3,800	0.37	
					2015/1/5	Cloudy	6.0	Dark brown	None	Loamy	540 ± 32	1,800 ± 59	2,340	0.39	
175	Hokkawa Dam	Nishigo Village	Nishigo Village	2014/5/27	Sunny	21.9	Brown	faint earth	Loamy	330 ± 15	910 ± 24	1,240	0.30		
				2014/6/19	Light rain	21.8	Light brown	None	Loamy	740 ± 33	2,100 ± 55	2,840	0.34		
				2014/8/7	Sunny	30.8	Light brown	None	Loamy	1,100 ± 35	3,500 ± 63	4,600	0.32		
				2014/10/20	Cloudy	16.5	Light brown	None	Loamy	1,100 ± 35	3,200 ± 61	4,300	0.33		
				2014/12/4	Cloudy	5.2	Light brown	None	Loamy	530 ± 27	1,800 ± 51	2,330	0.30		
				2015/1/15	Light snow	1.2	Light brown	None	Loamy	480 ± 27	1,700 ± 51	2,180	0.22		
176	Lake Nanko	Shirakawa City	Shirakawa City	2014/5/22	Cloudy	15.2	Blackish brown	None	Loamy	10 ± 2.4	33 ± 3.8	43	0.12		
				2014/6/17	Sunny	26.9	Blackish brown	None	Sandy	15 ± 4.7	71 ± 7.7	86	0.12		
				2014/8/18	Cloudy	25.5	Blackish brown	None	Sandy	25 ± 6.0	57 ± 7.9	82	0.11		
				2014/10/7	Cloudy	17.6	Blackish brown	None	Sandy	48 ± 8.3	170 ± 13	218	0.12		
				2014/12/3	Sunny	9.2	Faint hydrogen sulfide	None	Sandy	15 ± 3.8	33 ± 5.6	48	0.12		
				2015/1/16	Sunny	2.8	Blackish brown	None	Sandy	17 ± 4.6	43 ± 6.0	60	0.10		

Fukushima River (Water/Aizu Area) 4/4

	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				
													Cs-134	Cs-137						
R i v e r s	121	Hishinuma River	Sekido District	Inawashiro Town	2014/3/15	Cloudy	21.5	0.9	12.7	0.0	Dark grayish yellow	None	90	14.3	7	2.5	<0.65 ± 0.12	<0.63 ± 0.14		
					2014/6/12	Light rain	18.0	0.7	16.7	0.0	Dark grayish yellow	None	82	13.2	5	3.1	<0.52 ± 0.11	<0.72 ± 0.16		
					2014/8/8	Sunny	28.1	0.6	21.5	0.0	Dark grayish yellow	None	>100	13.0	5	1.1	<0.55 ± 0.096	<0.56 ± 0.094		
					2014/10/27	Cloudy	13.3	0.5	13.6	0.0	Grayish yellow	None	>100	13.5	2	1.2	<0.62 ± 0.14	<0.63 ± 0.13		
					2014/12/22	Light snow	-1.5	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
					2015/1/26	Sunny	5.5	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
	122	Funatsu River	Funatsu Bridge	Koriyama City	2014/3/15	Cloudy	19.5	0.5	12.9	0.0	Grayish greenish yellow	None	>100	10.8	2	0.7	<0.71 ± 0.12	<0.58 ± 0.13		
					2014/6/12	Light rain	19.0	0.7	14.1	0.0	Dark grayish yellow red	None	80	7.6	9	2.6	<0.69 ± 0.14	<0.63 ± 0.13		
					2014/8/8	Sunny	26.5	0.3	19.5	0.0	Grayish reddish yellow	None	>100	9.0	2	0.5	<0.61 ± 0.11	<0.50 ± 0.094		
					2014/10/27	Cloudy	13.2	0.3	13.0	0.0	Light grayish reddish yellow	None	>100	8.0	3	0.5	<0.59 ± 0.12	<0.63 ± 0.12		
					2014/12/22	Light snow	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
					2015/1/26	Sunny	6.5	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2014/3/15	Cloudy	18.2	0.8	12.8	0.0	Greenish yellowish light gray	None	90	6.9	3	1.6	<0.52 ± 0.11	<0.72 ± 0.14		
					2014/6/12	Light rain	18.0	0.7	16.0	0.0	Dark grayish reddish yellow	None	>100	6.5	3	0.9	<0.64 ± 0.13	<0.62 ± 0.12		
					2014/8/8	Sunny	24.1	0.6	18.0	0.0	Dark grayish reddish yellow	None	93	6.4	5	0.8	<0.67 ± 0.13	<0.62 ± 0.12		
					2014/10/27	Cloudy	13.0	0.4	12.0	0.0	Light grayish reddish yellow	None	>100	5.4	2	0.7	<0.59 ± 0.11	<0.68 ± 0.14		
					2014/12/22	Light snow	-1.2	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
					2015/1/26	Cloudy	3.5	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground

Fukushima River (Sediment/Aizu Area) 4/4

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 ³)	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	121	Hishinuma River	Sekido District	Inawashiro Town	2014/5/15	Cloudy	21.5	0.9	13.0	5	Blackish brown	Strong	0.0	9.8	4.2	6.3	10.7	24.3	25.1	19.7	51.1	2,528	Silt	<8.1 ± 3.1	28 ± 5.9	28				
					2014/6/12	Light	18.0	0.7	16.5	5	Black	Strong	0.0	0.7	0.2	1.2	4.0	22.4	46.1	25.4	38.6	2,448	Silt/clay	13 ± 1.6	43 ± 2.4	56				
					2014/8/8	Sunny	28.1	0.6	21.2	5	Faint hydrogen sulfide	Strong	0.0	5.0	8.3	22.8	26.9	10.8	11.1	15.1	47.5	2,573	Silt/clay	51 ± 9.2	160 ± 14	211				
					2014/10/27	Cloudy	13.3	0.5	13.0	5	Faint hydrogen sulfide	None	0.0	0.7	6.8	32.7	49.6	4.9	0.3	5.0	71.2	2,674	Sand/gravel	27 ± 3.9	95 ± 6.7	122				
					2014/12/22	Light	-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to
					2015/1/26	Sunny	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to
	122	Funatsu River	Funatsu Bridge	Koriyama City	2014/5/15	Cloudy	19.5	0.5	13.0	5	Grayish brown	None	0.0	10.2	19.0	25.7	38.1	2.0	1.3	3.6	76.3	2,694	Sand/gravel	3.5 ± 0.29	10 ± 0.37	13.5				
					2014/6/12	Light	19.0	0.7	14.0	5	Brown	None	17.6	15.1	0.3	0.7	31.0	25.7	4.7	5.1	54.3	2,591	Sand/gravel	20 ± 5.7	74 ± 8.4	104				
					2014/8/8	Sunny	26.5	0.3	19.0	5	Brown	None	0.0	3.3	4.4	13.9	65.8	8.7	0.2	3.9	71.2	2,655	Sand/gravel	<8.8 ± 2.6	23 ± 4.0	23				
					2014/10/27	Cloudy	13.2	0.3	12.5	5	Dark brown	None	0.0	0.2	2.0	7.5	47.1	27.2	7.6	8.4	66.0	2,658	Sand	13 ± 3.1	39 ± 4.7	52				
					2014/12/22	Light	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to
					2015/1/26	Sunny	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to
123	Haragawa River	Estuary, front	Aizuwakamatsu City	2014/5/15	Cloudy	18.2	0.8	13.0	5	Blackish brown	Strong	0.0	0.6	2.3	12.6	49.8	22.2	6.7	5.9	70.2	2,682	Sand/silt	25 ± 3.6	67 ± 5.7	92					
				2014/6/12	Light	18.0	0.7	16.0	5	Grayish brown	None	0.0	5.2	16.7	40.9	30.7	2.0	1.3	3.3	74.5	2,659	Sand/gravel	6.8 ± 2.0	22 ± 2.7	28.8					
				2014/8/8	Sunny	24.1	0.6	17.5	5	Blackish brown	None	0.0	8.4	16.7	29.4	35.7	5.0	0.9	3.9	74.1	2,664	Sand/gravel	<8.6 ± 2.4	19 ± 3.8	19					
				2014/10/27	Cloudy	13.0	0.4	11.8	5	Dark brown	None	0.0	22.1	19.7	53.1	22.4	1.2	0.6	0.9	75.4	2,691	Sand/gravel	<7.8 ± 2.1	17 ± 2.9	17					
				2014/12/22	Light	-1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to	
				2015/1/26	Cloudy	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	unable to collect samples due to	

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

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																			
No.	Location	Municipality					Cs-134	Cs-137	Total				Cs-134	Cs-137	Total							
R i v e r s	121	Hishima River	Sekido District	Inawashiro Town	2014/5/15	Cloudy	21.5	Brown	Loamy	85 ± 8.7	250 ± 15	335	0.09	Dim yellowish brown	Loamy	58 ± 7.1	160 ± 11	218	0.09			
					2014/6/12	Light rain	18.0	Blackish brown	Loamy	210 ± 15	550 ± 24	760	0.08	Extremely dark brown	Loamy	100 ± 13	340 ± 21	440	0.08			
					2014/8/8	Sunny	28.1	Extremely dark brown	Loamy	75 ± 8.3	210 ± 13	285	0.07	Brown	Loamy	480 ± 22	1,200 ± 36	1,680	0.07			
					2014/10/27	Cloudy	13.3	Blackish brown	Loamy	180 ± 15	510 ± 26	690	0.06	Dim yellowish brown	Loamy	89 ± 9.6	260 ± 16	349	0.08			
					2014/12/22	Fog	-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015/1/26	Sunny	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
	122	Funatsu River	Funatsu Bridge	Koriyama City	2014/5/15	Cloudy	19.5	Dark brown	Loamy	52 ± 7.3	160 ± 12	212	0.08	Brown	Loamy	65 ± 8.8	210 ± 14	275	0.08			
					2014/6/12	Light rain	19.0	Blackish brown	Loamy	90 ± 13	310 ± 22	400	0.08	Blackish brown	Loamy	94 ± 10	260 ± 17	354	0.06			
					2014/8/8	Sunny	26.5	Blackish brown	Loamy	78 ± 8.9	230 ± 14	308	0.07	Dark brown	Loamy	56 ± 7.3	170 ± 12	226	0.06			
					2014/10/27	Cloudy	13.2	Extremely dark brown	Loamy	41 ± 6.5	140 ± 12	181	0.07	Extremely dark brown	Loamy	55 ± 7.2	150 ± 12	205	0.07			
					2014/12/22	Fog	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2015/1/26	Sunny	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
	123	Haragawa River	Estuary, front	Aizuwakamatsu City	2014/5/15	Cloudy	18.2	Blackish brown	Loamy	75 ± 8.4	210 ± 14	285	0.07	Extremely dark reddish brown	Loamy	81 ± 8.3	240 ± 14	321	0.08			
					2014/6/12	Light rain	18.0	Blackish brown	Loamy	110 ± 14	340 ± 24	450	0.07	Blackish brown	Loamy	140 ± 16	390 ± 25	530	0.07			
					2014/8/8	Sunny	24.1	Blackish brown	Loamy	63 ± 9.3	240 ± 16	303	0.07	Blackish brown	Loamy	160 ± 13	440 ± 22	600	0.06			
2014/10/27					Cloudy	13.0	Blackish brown	Loamy	120 ± 13	390 ± 23	510	0.06	Blackish brown	Loamy	96 ± 13	240 ± 20	336	0.06				
2014/12/22					Fog	-1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
2015/1/26	Cloudy	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			

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

Lake/Reservoir	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 (m)	Electrical conductivity (mS/m)	SS (mg/L)	Turbidity (FNU)	Radioactive cesium			
				Cs-134	Cs-137														
Lakes and Reservoirs	206	Okutadami Reservoir	Tadami Town	Surface layer	2014/6/30	Cloudy	22.8	17.4	21.0	0.5	Grayish yellow green	None	2.5	2.5	<1	0.4	-0.43 ± 0.081	-0.58 ± 0.11	
				Deep layer					18.0	16.4	-	None	4.0	2.4	<1	0.4	-0.62 ± 0.12	-0.43 ± 0.083	
				Surface layer	2014/7/22	Sunny	22.0	17.3	23.4	0.5	Grayish yellow green	None	4.0	2.7	<1	0.4	-0.56 ± 0.13	-0.65 ± 0.12	
				Deep layer					17.2	16.3	-	None	5.5	2.7	<1	0.4	-0.54 ± 0.12	-0.55 ± 0.12	
				Surface layer	2014/8/25	Light rain	24.5	18.0	25.4	0.5	Dark grayish yellow green	None	5.5	3.1	<1	0.3	-0.56 ± 0.11	-0.47 ± 0.10	
				Deep layer					17.0	17.0	-	None	2.5	3.2	2	0.3	-0.54 ± 0.11	-0.52 ± 0.086	
				Surface layer	2014/9/16	Light rain	18.0	16.8	20.8	0.5	Dark grayish yellow green	None	2.5	3.3	2	1.0	-0.62 ± 0.13	-0.63 ± 0.14	
				Deep layer					18.5	15.8	-	None	5.0	3.2	1	0.5	-0.56 ± 0.12	-0.63 ± 0.13	
				Surface layer	2014/10/15	Sunny	14.0	17.0	17.3	0.5	Dark grayish yellow green	None	5.0	3.6	<1	0.6	-0.56 ± 0.14	-0.63 ± 0.14	
				Deep layer					17.2	16.0	-	None	6.0	3.7	<1	0.5	-0.72 ± 0.14	-0.63 ± 0.14	
				Surface layer	2014/11/6	Sunny	15.0	20.4	14.6	0.5	Dark grayish yellow green	None	6.0	3.6	1	0.3	-0.61 ± 0.13	-0.49 ± 0.10	
				Deep layer					14.1	19.4	-	None	4.0	3.6	1	0.3	-0.50 ± 0.11	-0.52 ± 0.077	
				Surface layer	2014/6/20	Cloudy	17.9	7.8	17.5	0.5	Dark grayish greenish yellow	None	4.0	3.1	<1	0.2	-0.50 ± 0.098	-0.58 ± 0.11	
				Deep layer					14.5	6.8	-	None	4.2	3.3	<1	0.7	-0.48 ± 0.10	-0.55 ± 0.083	
Surface layer	2014/7/15	Sunny	19.5	7.9	20.7	0.5	Dark grayish yellow	None	4.2	3.0	<1	0.7	-0.61 ± 0.14	-0.62 ± 0.12					
Deep layer					13.1	6.9	-	None	3.0	3.3	<1	0.4	-0.68 ± 0.15	-0.51 ± 0.12					
Surface layer	2014/8/13	Sunny	12.5	7.9	19.2	0.5	Light grayish reddish yellow	None	3.0	3.4	1	0.7	-0.59 ± 0.11	-0.83 ± 0.16					
Deep layer					18.9	6.9	-	None	3.0	3.4	2	1.0	-0.65 ± 0.15	-0.68 ± 0.12					
Surface layer	2014/9/4	Sunny	16.0	7.8	19.0	0.5	Dark grayish greenish yellow	None	3.0	3.4	2	0.9	-0.74 ± 0.17	-0.55 ± 0.13					
Deep layer					16.5	6.8	-	None	2.5	3.7	2	1.6	-0.61 ± 0.12	-0.47 ± 0.10					
Surface layer	2014/9/26	Sunny	10.3	7.6	14.4	0.5	Dark grayish greenish yellow	None	2.5	3.6	2	1.9	-0.56 ± 0.13	-0.76 ± 0.16					
Deep layer					14.4	6.6	-	None	3.0	3.8	3	2.7	-0.52 ± 0.11	-0.58 ± 0.11					
Surface layer	2014/10/18	Sunny	8.0	7.6	11.1	0.5	Dark grayish greenish yellow	None	3.0	3.8	3	1.8	-0.72 ± 0.15	-0.50 ± 0.067					
Deep layer					11.0	6.6	-	None	4.0	3.8	4	1.8	-0.64 ± 0.12	-0.62 ± 0.14					

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

No.	Location		Municipality	Sampling Date	Weather	Air temperature (°C)	Surrounding Environment(Soil,Air dose)							Remarks		
	No.	Location					Municipality	Color	Odor	Property	Soil				Air Dose (µSv/h)	
											General items					
											Activity concentration [Bq/kg(dry)]					
Radioactive cesium				Total	Air Dose (µSv/h)											
Cs-134		Cs-137														
193	Offshore of Funatsu River Estuary	Koriyama City	2014/5/27	Cloudy	18.0	Blackish brown	faint earth	Loamy	140 ± 13	400 ± 21	540	0.08				
			2014/6/24	Cloudy	19.5	Extremely dark brown	faint earth	Loamy	33 ± 7.8	120 ± 14	153	0.08				
			2014/8/19	Sunny	26.5	Blackish brown	faint earth	Loamy	45 ± 8.1	110 ± 12	155	0.08				
			2014/10/10	Cloudy	17.5	Dark reddish brown	faint earth	Loamy	17 ± 5.4	71 ± 8.7	88	0.08				
			2014/12/5	Light snow	1.0	Blackish brown	faint earth	Loamy	42 ± 7.0	160 ± 13	202	0.08				
			2015/1/6	Cloudy	1.6	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
	194	Seishogahama Beach	Koriyama City	2014/5/27	Sunny	17.5	Dark grayish yellow	faint earth	Sandy	25 ± 4.3	70 ± 7.2	95	0.07			
				2014/6/24	Cloudy	21.0	Dark grayish yellow	faint earth	Sandy	32 ± 4.8	73 ± 7.3	105	0.06			
				2014/8/19	Sunny	26.0	Dark grayish yellow	faint earth	Sandy	48 ± 7.0	120 ± 11	168	0.07			
				2014/10/10	Cloudy	15.5	Dark grayish yellow	faint earth	Sandy	18 ± 4.3	61 ± 6.5	79	0.06			
				2014/12/5	Light snow	2.0	Dark brown	faint earth	Sandy	13 ± 3.7	68 ± 7.1	81	0.06			
				2015/1/6	Cloudy	1.5	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground	
195	Lake Inawashiro	Haragawa River Estuary	Aizuwakamatsu City	2014/5/27	Cloudy	21.0	Dark reddish brown	faint earth	Sandy	37 ± 6.0	110 ± 8.9	147	0.12			
				2014/6/24	Cloudy	21.0	Dark reddish brown	faint earth	Sandy	14 ± 1.8	42 ± 2.9	56	0.10			
				2014/8/19	Sunny	31.0	Dark reddish brown	faint earth	Sandy	67 ± 9.1	220 ± 16	287	0.10			
				2014/10/10	Cloudy	19.8	Dark reddish brown	faint earth	Loamy	16 ± 5.0	68 ± 7.5	84	0.11			
				2014/12/5	Light snow	1.5	Blackish brown	faint earth	Sandy	73 ± 8.3	200 ± 14	273	0.08			
		2015/1/6	Cloudy	3.0	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground			
		196	Koishigahama Floodgate	Inawashiro Town	2014/5/27	Cloudy	21.0	Extremely dark brown	faint earth	Loamy	280 ± 18	900 ± 31	1,180	0.12		
					2014/6/24	Cloudy	22.5	Extremely dark brown	faint earth	Loamy	170 ± 13	510 ± 22	680	0.11		
					2014/7/16	Cloudy	24.0	Dark brown	faint earth	Loamy	300 ± 20	850 ± 35	1,150	0.10		
					2014/8/19	Sunny	30.8	Extremely dark brown	faint earth	Loamy	400 ± 26	1,200 ± 45	1,600	0.10		
2014/9/11	Cloudy				20.5	Dark brown	faint earth	Loamy	280 ± 19	810 ± 33	1,090	0.11				
197	Higashiyama Dam Reservoir	Aizuwakamatsu City	2014/10/10	Cloudy	19.5	Extremely dark brown	faint earth	Loamy	110 ± 12	540 ± 25	650	0.12				
			2014/11/11	Sunny	10.8	Dark brown	faint earth	Loamy	1,000 ± 47	3,300 ± 88	4,300	0.10				
			2014/12/5	Light snow	0.0	Blackish brown	faint earth	Loamy	70 ± 9.5	250 ± 17	320	0.10				
			2015/1/6	Cloudy	3.0	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
			2015/2/12	Sunny	2.0	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
			2014/5/30	Sunny	29.0	Dark reddish brown	faint earth	Loamy	59 ± 8.1	170 ± 13	229	0.11				
			2014/6/26	Sunny	24.5	Blackish brown	faint earth	Loamy	98 ± 9.2	290 ± 15	388	0.11				
			2014/8/21	Cloudy	29.0	Grayish olive	faint earth	Loamy	90 ± 9.2	280 ± 15	370	0.13				
			2014/10/9	Sunny	23.1	Faint hydrogen sulfide	faint earth	Loamy	49 ± 6.2	150 ± 11	199	0.09				
			2014/12/10	Cloudy	2.2	Blackish brown	faint earth	Loamy	86 ± 9.6	290 ± 16	376	0.11				
198	Center	Kaneyama Town	2014/5/29	Sunny	24.8	Dark brown	faint earth	Loamy	32 ± 5.8	79 ± 8.0	111	0.10				
			2014/6/27	Cloudy	23.5	Brown	faint earth	Loamy	12 ± 2.0	35 ± 2.9	47	0.11				
			2014/8/22	Sunny	27.0	Dark brown	faint earth	Loamy	43 ± 6.1	130 ± 10	173	0.11				
			2014/10/24	Sunny	15.0	Extremely dark brown	faint earth	Loamy	15 ± 3.4	63 ± 7.2	78	0.11				
			2014/12/12	Light snow	0.8	Blackish brown	faint earth	Loamy	94 ± 10	340 ± 18	434	0.06				
			2015/1/9	Light snow	1.2	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground		
			2014/5/29	Sunny	23.6	-	-	-	-	-	-	-	-	No sampling location		
			2014/6/27	Cloudy	23.5	-	-	-	-	-	-	-	-	No sampling location		
			2014/8/22	Sunny	31.0	-	-	-	-	-	-	-	-	No sampling location		
			2014/10/24	Sunny	15.2	-	-	-	-	-	-	-	-	No sampling location		
199	Lake Numazawa	Kaneyama Town	2014/12/12	Light snow	0.5	-	-	-	-	-	-	-	-	No sampling location		
			2015/1/9	Light snow	1.2	-	-	-	-	-	-	-	-	No sampling location		
			2014/5/29	Sunny	24.0	-	-	-	-	-	-	-	-	No sampling location		
			2014/6/27	Cloudy	23.5	-	-	-	-	-	-	-	-	No sampling location		
			2014/8/22	Sunny	32.0	-	-	-	-	-	-	-	-	No sampling location		
			2014/10/24	Sunny	15.5	-	-	-	-	-	-	-	-	No sampling location		
			2014/12/12	Light snow	0.0	-	-	-	-	-	-	-	-	No sampling location		
			2015/1/9	Light snow	1.2	-	-	-	-	-	-	-	-	No sampling location		
200	Offshore of Maenosawa River Estuary	Kaneyama Town	2014/5/29	Sunny	24.0	-	-	-	-	-	-	-	-	No sampling location		
			2014/6/27	Cloudy	23.5	-	-	-	-	-	-	-	-	No sampling location		
			2014/8/22	Sunny	32.0	-	-	-	-	-	-	-	-	No sampling location		
			2014/10/24	Sunny	15.5	-	-	-	-	-	-	-	-	No sampling location		
			2014/12/12	Light snow	0.0	-	-	-	-	-	-	-	-	No sampling location		
			2015/1/9	Light snow	1.2	-	-	-	-	-	-	-	-	No sampling location		

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

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)	Surrounding Environment(Soil,Air dose)							Remarks						
							Location		Municipality	Soil			Air Dose							
	General items									Activity concentration [Bq/kg(dry)]			Air Dose							
	No.							Color	Odor	Property	Radioactive cesium				(μSv/h)					
							Cs-134	Cs-137	Total											
201	Aizu (farm pond)	Terairi	Aizumisato Town	2014/5/19	Sunny	24.5	Dim yellowish orange	None	Loamy	95 ± 9.9	290 ± 17	385	0.08							
				2014/6/16	Sunny	29.0	Dim yellowish orange	None	Loamy	59 ± 10	130 ± 14	189	0.07							
				2014/8/11	Cloudy	26.5	Dim yellowish brown	None	Loamy	820 ± 30	2,700 ± 54	3,520	0.09							
				2014/10/2	Sunny	24.0	Dim yellowish brown	faint earth	Loamy	280 ± 16	900 ± 29	1,180	0.08							
				2014/12/19	Cloudy	1.5	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground				
				2015/1/22	Light snow	0.2	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground				
				202	Okawa Dam Reservoir		Aizuwakamatsu City	2014/5/21	Light rain	12.0	Blackish brown	faint earth	Loamy	41 ± 6.5	130 ± 11	171	0.08			
								2014/6/18	Cloudy	25.1	Blackish brown	faint earth	Loamy	58 ± 11	220 ± 19	278	0.08			
								2014/8/5	Sunny	31.0	Dark brown	faint earth	Loamy	43 ± 8.2	170 ± 14	213	0.08			
								2014/10/2	Cloudy	18.5	Dark brown	faint earth	Loamy	<6.9 ± 2.2	28 ± 3.3	28	0.08			
								2014/12/9	Sunny	2.0	Dark brown	faint earth	Loamy	14 ± 4.4	52 ± 8.0	66	0.07			
								2015/1/13	Cloudy	0.8	-	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground
								2014/5/20	Sunny	18.5	Dim yellowish brown	faint earth	Loamy	64 ± 5.6	210 ± 10	274	0.08			
								2014/6/17	Sunny	24.5	Blackish brown	faint earth	Loamy	<8.4 ± 2.7	59 ± 5.4	59	0.10			
								2014/8/12	Cloudy	24.0	Blackish brown	faint earth	Loamy	<9.9 ± 2.8	49 ± 4.4	49	0.08			
								2014/11/1	Cloudy	11.0	Blackish brown	faint earth	Loamy	28 ± 6.1	95 ± 12	123	0.07			
				203	Tagokura Reservoir		Tadami Town	2014/12/8	Sunny	0.0	-	-	-	-	-	-	-	Unable to collect samples due to road closure during winter		
								2015/1/15	Cloudy	0.5	-	-	-	-	-	-	-	-	Unable to collect samples due to road closure during winter	
								2014/5/20	Cloudy	21.0	Light brown	faint earth	Loamy	12 ± 3.7	41 ± 6.0	53	0.11			
								2014/6/17	Sunny	29.0	Brown	faint earth	Clay-loamy	26 ± 3.6	65 ± 5.1	91	0.11			
2014/8/12	Light rain	25.5	Dark brown					faint earth	Loamy	25 ± 6.2	57 ± 8.1	82	0.13							
2014/10/1	Cloudy	18.6	Dark brown					faint earth	Loamy	11 ± 2.5	37 ± 3.7	48	0.12							
204	Minamiaizu(farm pond)	Fukui	Tadami Town	2014/12/8	Sunny	2.0	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground						
				2015/1/15	Cloudy	2.0	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground					
				2014/5/21	Light rain	15.5	Blackish brown	None	Loamy	9.2 ± 1.7	28 ± 2.4	37.2	0.06							
				2014/6/18	Cloudy	20.8	Blackish brown	None	Loamy	16 ± 2.1	44 ± 3.0	60	0.07							
				2014/8/5	Sunny	31.5	Blackish brown	None	Loamy	16 ± 2.0	48 ± 3.0	64	0.07							
				2014/10/2	Sunny	17.6	Black	None	Loamy	15 ± 4.1	41 ± 6.2	56	0.07							
205	Tajima Dam Reservoir (Lake Funehana)		Minamiaizu Town	2014/12/9	Sunny	-1.5	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground						
				2015/1/13	Cloudy	1.8	-	-	-	-	-	-	-	-	Unable to collect samples due to snow on the ground					
				2014/6/30	Cloudy	22.8	Brown	faint earth	Loamy	11 ± 2.0	37 ± 3.3	48	0.05							
				2014/7/22	Sunny	22.0	Dim yellowish brown	faint earth	Loamy	10 ± 2.3	28 ± 3.7	38	0.05							
				2014/8/25	Light rain	24.5	Brown	faint earth	Loamy	12 ± 2.6	34 ± 3.7	46	0.06							
				2014/9/16	Light rain	18.0	Brown	faint earth	Loamy	13 ± 2.0	54 ± 3.9	67	0.06							
				2014/10/15	Sunny	14.0	Brown	faint earth	Loamy	17 ± 4.7	54 ± 7.4	71	0.06							
				2014/11/6	Sunny	15.0	Brown	faint earth	Loamy	<7.3 ± 2.2	20 ± 3.0	20	0.05							
206	Okutadami Reservoir		Tadami Town	2014/6/20	Cloudy	17.9	Extremely dark brown	None	Loamy	93 ± 13	310 ± 21	403	0.10							
				2014/7/15	Sunny	19.5	Dark brown	faint earth	Loamy	160 ± 16	410 ± 25	570	0.09							
				2014/8/13	Sunny	12.5	Dark brown	None	Loamy	100 ± 11	400 ± 20	500	0.10							
				2014/9/4	Sunny	16.0	Dark brown	None	Loamy	190 ± 17	640 ± 30	830	0.10							
				2014/9/26	Sunny	10.3	Dark brown	faint earth	Loamy	110 ± 12	290 ± 20	400	0.11							
				2014/10/18	Sunny	8.0	Dark brown	faint earth	Loamy	230 ± 18	740 ± 33	970	0.08							
207	Lake Ozenuma		Hinoemata Village	2014/6/20	Cloudy	17.9	Extremely dark brown	None	Loamy	93 ± 13	310 ± 21	403	0.10							
				2014/7/15	Sunny	19.5	Dark brown	faint earth	Loamy	160 ± 16	410 ± 25	570	0.09							
				2014/8/13	Sunny	12.5	Dark brown	None	Loamy	100 ± 11	400 ± 20	500	0.10							
				2014/9/4	Sunny	16.0	Dark brown	None	Loamy	190 ± 17	640 ± 30	830	0.10							
				2014/9/26	Sunny	10.3	Dark brown	faint earth	Loamy	110 ± 12	290 ± 20	400	0.11							
				2014/10/18	Sunny	8.0	Dark brown	faint earth	Loamy	230 ± 18	740 ± 33	970	0.08							

Fukushima Coastal (Water) 1/5

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water									Remarks				
	Water area	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 Tsurushihama Fishing Port	Surface layer	2014/5/20	Cloudy	15.6	14.6	13.2	0.5	Dark grayish green	None	4.1	29.6	1	1.4	<0.57 ± 0.12	<0.55 ± 0.12				
			Deep layer											29.8	3	3.5	<0.61 ± 0.13	<0.65 ± 0.14			
			Surface layer	2014/6/12	Cloudy	17.1	14.5	17.9	0.5	Dark grayish green	None	5.3	27.6	3	0.9	<0.58 ± 0.14	<0.67 ± 0.12				
			Deep layer											29.7	<1	2.0	<0.48 ± 0.11	<0.63 ± 0.16			
			Surface layer	2014/7/3	Cloudy	22.5	15.0	22.5	0.5	Dark grayish yellowish green	None	5.9	24.9	2	1.0	<0.64 ± 0.12	<0.65 ± 0.14				
			Deep layer												29.6	8	6.8	<0.56 ± 0.11	<0.49 ± 0.11		
			Surface layer	2014/8/8	Cloudy	24.2	16.1	23.3	0.5	Dark grayish bluish green	None	7.5	28.8	5	0.5	<0.45 ± 0.095	<0.52 ± 0.12				
			Deep layer												29.5	6	0.8	<0.65 ± 0.16	<0.65 ± 0.15		
			Surface layer	2014/9/4	Cloudy	22.6	16.0	23.3	0.5	Dark grayish yellow green	None	4.7	27.6	4	1.3	<0.58 ± 0.12	<0.42 ± 0.082				
			Deep layer												29.8	5	0.9	<0.56 ± 0.11	<0.82 ± 0.16		
			Surface layer	2014/10/8	Sunny	22.3	15.0	19.8	0.5	Light grayish greenish yellow	None	2.5	19.1	6	4.0	<0.63 ± 0.13	<0.55 ± 0.16				
			Deep layer												29.6	14	6.5	<0.51 ± 0.10	<0.68 ± 0.15		
			Surface layer	2014/11/4	Cloudy	14.5	15.2	17.6	0.5	Dark grayish yellowish green	None	4.8	29.7	5	1.1	<0.48 ± 0.10	<0.59 ± 0.10				
			Deep layer												29.9	5	1.3	<0.61 ± 0.14	<0.52 ± 0.11		
			Surface layer	2014/12/5	Sunny	6.1	15.3	12.9	0.5	Dark grayish yellow green	None	3.7	29.8	3	2.2	<0.59 ± 0.12	<0.65 ± 0.15				
			Deep layer												30.0	8	3.4	<0.56 ± 0.13	<0.62 ± 0.12		
			Surface layer	2015/1/9	Sunny	3.7	16.3	9.4	0.5	Dark grayish bluish green	None	8.0	30.4	3	0.6	<0.71 ± 0.13	<0.76 ± 0.16				
			Deep layer												30.6	4	0.8	<0.59 ± 0.10	<0.58 ± 0.14		
			Surface layer	2015/2/2	Sunny	6.4	15.0	8.7	0.5	Grayish yellow green	None	2.0	30.1	8	4.3	<0.67 ± 0.14	<0.57 ± 0.12				
			Deep layer												30.4	14	5.3	<0.58 ± 0.091	<0.75 ± 0.18		
			209	Matsukawaura sea area	Around center of Fishing Right Area-1 in Matsukawaura sea area	Surface layer	2014/5/21	Light rain	14.5	1.8	13.1	0.5	Grayish yellowish green	None	>1.8	29.2	2	0.7	<0.67 ± 0.16	<0.67 ± 0.14	
						Deep layer											29.3	1	0.9	<0.58 ± 0.099	<0.78 ± 0.18
						Surface layer	2014/6/12	Light rain	17.2	1.8	19.8	0.5	Grayish yellow green	None	>1.8	19.5	9	4.3	<0.65 ± 0.13	<0.72 ± 0.16	
						Deep layer											19.6	7	4.4	<0.64 ± 0.15	<0.67 ± 0.13
Surface layer	2014/7/3	Cloudy				25.3	2.0	22.5	0.5	Grayish yellow green	None	>2.0	23.5	4	1.6	<0.50 ± 0.13	<0.49 ± 0.13				
Deep layer															23.5	4	1.5	<0.54 ± 0.12	<0.78 ± 0.18		
Surface layer	2014/8/8	Cloudy				25.9	2.3	27.8	0.5	Grayish yellow	None	>2.3	25.1	7	3.9	<0.55 ± 0.10	<0.67 ± 0.13				
Deep layer															25.2	8	4.1	<0.64 ± 0.15	<0.62 ± 0.13		
Surface layer	2014/9/4	Cloudy				22.9	1.9	23.0	0.5	Grayish yellow green	None	>1.9	27.8	6	2.3	<0.55 ± 0.10	<0.71 ± 0.16				
Deep layer															27.9	7	2.1	<0.55 ± 0.13	<0.57 ± 0.12		
Surface layer	2014/10/1	Cloudy				19.5	2.2	21.7	0.5	Dark grayish yellow green	None	>2.2	28.8	5	2.1	<0.75 ± 0.14	<0.76 ± 0.16				
Deep layer															28.9	4	2.1	<0.71 ± 0.15	<0.72 ± 0.13		
Surface layer	2014/11/4	Cloudy				16.2	1.8	16.8	0.5	Grayish yellow green	None	>1.8	29.3	5	1.1	<0.63 ± 0.14	<0.52 ± 0.11				
Deep layer															29.3	4	1.1	<0.52 ± 0.098	<0.62 ± 0.14		
Surface layer	2014/12/5	Sunny				8.4	2.4	11.2	0.5	Grayish yellow green	None	>2.4	28.2	3	1.8	<0.66 ± 0.16	<0.52 ± 0.15				
Deep layer															28.6	5	1.8	<0.56 ± 0.12	<0.52 ± 0.11		
Surface layer	2015/1/8	Sunny				7.3	1.9	7.8	0.5	Grayish green	None	>1.9	30.1	2	0.8	<0.62 ± 0.15	<0.68 ± 0.17				
Deep layer															30.2	4	0.9	<0.56 ± 0.11	<0.63 ± 0.12		
Surface layer	2015/2/4	Cloudy				4.4	1.8	6.0	0.5	Light grayish yellow green	None	>1.8	27.9	2	1.0	<0.50 ± 0.10	<0.55 ± 0.13				
Deep layer															28.1	1	1.0	<0.60 ± 0.14	<0.55 ± 0.12		
210	Neighboring sea area of Soso	Approx. 2,000 m offshore of Mano River				Surface layer	2014/5/21	Light rain	13.8	19.5	13.4	0.5	Dark grayish bluish green	None	6.3	29.3	2	0.7	<0.53 ± 0.11	<0.62 ± 0.15	
						Deep layer											30.1	3	0.9	<0.63 ± 0.16	<0.68 ± 0.15
						Surface layer	2014/6/11	Cloudy	18.5	19.1	19.7	0.5	Grayish yellow green	None	2.6	24.4	3	2.1	<0.54 ± 0.11	<0.59 ± 0.15	
						Deep layer											29.9	9	5.2	<0.51 ± 0.14	<0.76 ± 0.17
			Surface layer	2014/7/2	Sunny	25.3	19.6	22.3	0.5	Dark grayish yellow green	None	4.6	25.9	1	0.8	<0.69 ± 0.13	<0.62 ± 0.16				
			Deep layer												29.8	15	6.0	<0.55 ± 0.12	<0.78 ± 0.17		
			Surface layer	2014/8/6	Sunny	24.3	20.7	23.6	0.5	Dark grayish green	None	5.9	28.7	7	0.6	<0.64 ± 0.12	<0.52 ± 0.086				
			Deep layer												29.9	11	0.6	<0.57 ± 0.11	<0.58 ± 0.13		
			Surface layer	2014/9/9	Sunny	23.4	20.5	22.6	0.5	Grayish yellow green	None	6.5	28.6	9	0.7	<0.58 ± 0.099	<0.75 ± 0.12				
			Deep layer												29.6	4	1.2	<0.64 ± 0.13	<0.62 ± 0.13		
			Surface layer	2014/10/1	Cloudy	17.1	20.0	21.0	0.5	Dark grayish green	None	5.3	29.3	9	1.0	<0.54 ± 0.11	<0.55 ± 0.12				
			Deep layer												30.0	4	2.4	<0.65 ± 0.16	<0.61 ± 0.13		
			Surface layer	2014/11/5	Cloudy	10.6	20.0	16.6	0.5	Dark grayish green	None	6.0	29.7	3	0.8	<0.56 ± 0.15	<0.45 ± 0.092				
			Deep layer												29.9	3	1.0	<0.58 ± 0.12	<0.49 ± 0.11		
			Surface layer	2014/12/3	Sunny	9.5	20.7	14.0	0.5	Grayish yellow green	None	2.7	30.0	8	5.2	<0.75 ± 0.17	<0.62 ± 0.15				
			Deep layer												30.1	11	6.5	<0.61 ± 0.13	<0.71 ± 0.16		
			Surface layer	2015/1/8	Sunny	5.0	20.5	8.8	0.5	Dark grayish yellowish green	None	6.9	30.2	3	0.6	<0.60 ± 0.15	<0.72 ± 0.15				
			Deep layer												30.2	5	1.1	<0.52 ± 0.14	<0.55 ± 0.10		
			Surface layer	2015/2/3	Cloudy	3.1	20.2	7.2	0.5	Dark grayish green	None	3.4	30.1	4	1.8	<0.51 ± 0.11	<0.62 ± 0.12				
			Deep layer												30.3	16	5.4	<0.59 ± 0.14	<0.56 ± 0.10		

Fukushima Coastal (Water) 2/5

Location		Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water							Activity concentration(Bq/L)		Remarks				
						General items		Radioactive cesium											
No.	Water area	Water temperature (°C)	Sampling depth (m)	Color	Odor	Secchi disk depth (m)	Salinity (‰)	SS (mg/L)	Turbidity (FNU)	Cs-134	Cs-137								
C o a s t a l a r e a s	211 Neighboring sea area of Niida River	Surface layer	2014/5/21	Light rain	14.2	8.5	14.2	0.5	Dark grayish yellowish green	None	6.2	28.0	4	0.8	<0.58 ± 0.14	<0.58 ± 0.098			
		Deep layer						13.0	7.5	-	None		29.6	5	1.2	<0.52 ± 0.090	<0.55 ± 0.12		
		Surface layer	2014/6/11	Cloudy	18.1	8.1	19.4	0.5	Grayish yellow green	None	2.9	23.5	3	2.1	<0.48 ± 0.12	<0.55 ± 0.12			
		Deep layer						18.1	7.1	-	None		28.1	7	3.0	<0.48 ± 0.11	<0.55 ± 0.12		
		Surface layer	2014/7/2	Sunny	24.5	8.5	20.8	0.5	Grayish yellow green	None	4.0	21.4	3	0.5	<0.61 ± 0.14	<0.59 ± 0.14			
		Deep layer						21.0	7.5	-	None		26.6	3	0.5	<0.61 ± 0.15	<0.47 ± 0.12		
		Surface layer	2014/8/6	Sunny	24.0	8.2	22.6	0.5	Grayish yellow green	None	5.5	28.4	9	0.8	<0.50 ± 0.11	<0.49 ± 0.089			
		Deep layer						19.5	7.2	-	None		29.5	9	0.9	<0.61 ± 0.14	<0.62 ± 0.13		
		Surface layer	2014/9/9	Sunny	22.0	8.6	22.1	0.5	Light grayish yellow green	None	4.5	24.8	4	1.6	<0.61 ± 0.11	<0.67 ± 0.16			
		Deep layer						22.1	7.6	-	None		29.0	19	3.8	<0.61 ± 0.11	<0.71 ± 0.15		
		Surface layer	2014/10/1	Cloudy	17.3	8.7	20.7	0.5	Grayish yellow green	None	3.0	28.3	9	1.8	<0.60 ± 0.13	<0.58 ± 0.13			
		Deep layer						20.7	7.7	-	None		29.1	11	2.5	<0.54 ± 0.11	<0.67 ± 0.13		
		Surface layer	2014/11/5	Cloudy	9.8	8.0	16.8	0.5	Grayish yellow green	None	4.0	28.9	7	1.9	<0.60 ± 0.14	<0.52 ± 0.11			
		Deep layer						16.8	7.0	-	None		29.7	6	1.6	<0.54 ± 0.12	<0.63 ± 0.13		
		Surface layer	2014/12/3	Sunny	8.2	9.0	13.7	0.5	Grayish yellow green	None	2.3	29.9	15	6.6	<0.55 ± 0.10	<0.62 ± 0.14			
		Deep layer						13.9	8.0	-	None		30.0	22	8.4	<0.55 ± 0.093	<0.62 ± 0.12		
		Surface layer	2015/1/8	Sunny	4.6	8.7	8.0	0.5	Grayish yellowish green	None	3.7	28.9	4	1.3	<0.58 ± 0.11	<0.65 ± 0.12			
		Deep layer						7.8	7.7	-	None		29.8	7	1.7	<0.58 ± 0.11	<0.52 ± 0.11		
		Surface layer	2015/2/3	Cloudy	3.1	8.8	7.0	0.5	Grayish yellowish green	None	3.3	28.3	8	2.6	<0.56 ± 0.14	<0.59 ± 0.14			
		Deep layer						7.3	7.8	-	None		29.8	7	2.1	<0.69 ± 0.15	<0.68 ± 0.15		
		212 Neighboring sea area of Haramachi City	Approx. 1,000 m offshore of Ota River	Surface layer	2014/5/21	Cloudy	14.5	10.8	13.4	0.5	Dark grayish bluish green	None	8.6	29.4	3	0.4	<0.56 ± 0.12	<0.78 ± 0.16	
				Deep layer						13.0	9.8	-	None		29.8	<1	0.9	<0.61 ± 0.14	<0.75 ± 0.13
				Surface layer	2014/6/11	Cloudy	17.9	10.2	19.5	0.5	Grayish yellow green	None	2.8	24.3	4	2.3	<0.71 ± 0.14	<0.80 ± 0.17	
				Deep layer						17.9	9.2	-	None		28.6	2	1.3	<0.67 ± 0.14	<0.71 ± 0.15
				Surface layer	2014/7/2	Sunny	24.2	10.9	21.8	0.5	Grayish yellow green	None	3.7	25.5	10	0.4	<0.49 ± 0.10	<0.47 ± 0.10	
				Deep layer						21.0	9.9	-	None		27.3	1	0.4	<0.69 ± 0.16	<0.47 ± 0.12
				Surface layer	2014/8/6	Sunny	23.6	10.5	22.5	0.5	Dark grayish yellow green	None	6.5	27.8	6	0.7	<0.59 ± 0.14	<0.71 ± 0.18	
				Deep layer						19.8	9.5	-	None		29.4	3	0.3	<0.72 ± 0.15	<0.52 ± 0.11
				Surface layer	2014/9/9	Sunny	21.7	10.7	22.0	0.5	Yellow greenish pale gray	None	5.0	29.0	12	0.8	<0.58 ± 0.13	<0.71 ± 0.15	
				Deep layer						21.1	9.7	-	None		29.0	7	1.3	<0.61 ± 0.13	<0.50 ± 0.11
				Surface layer	2014/10/1	Cloudy	17.1	11.5	20.7	0.5	Dark grayish yellow green	None	4.2	29.2	5	1.2	<0.69 ± 0.12	<0.62 ± 0.14	
				Deep layer						20.8	10.5	-	None		29.4	6	1.5	<0.64 ± 0.12	<0.57 ± 0.15
				Surface layer	2014/11/5	Cloudy	9.4	10.7	16.3	0.5	Dark grayish yellowish green	None	5.0	29.5	4	1.2	<0.58 ± 0.12	<0.61 ± 0.15	
				Deep layer						16.3	9.7	-	None		29.6	3	1.0	<0.68 ± 0.14	<0.61 ± 0.14
	Surface layer			2014/12/3	Sunny	8.3	11.3	13.5	0.5	Grayish yellow green	None	3.3	29.6	8	3.5	<0.54 ± 0.11	<0.61 ± 0.16		
	Deep layer								13.9	10.3	-	None		30.0	6	1.9	<0.65 ± 0.14	<0.61 ± 0.14	
	Surface layer			2015/1/8	Sunny	4.7	11.6	7.8	0.5	Grayish yellowish green	None	3.9	30.0	5	1.3	<0.56 ± 0.13	<0.59 ± 0.14		
	Deep layer								8.0	10.6	-	None		30.1	3	0.8	<0.56 ± 0.12	<0.56 ± 0.12	
	Surface layer		2015/2/3	Cloudy	2.9	11.2	6.9	0.5	Dark grayish yellowish green	None	2.9	29.9	6	2.3	<0.54 ± 0.11	<0.58 ± 0.14			
	Deep layer							7.0	10.2	-	None		30.1	5	2.0	<0.62 ± 0.15	<0.61 ± 0.12		
	213 Neighboring sea area of Soso District		Approx. 1,000 m offshore of Odaka River	Surface layer	2014/5/22	Cloudy	14.2	11.2	13.6	0.5	Grayish yellowish green	None	3.5	29.3	5	1.7	<0.62 ± 0.14	<0.52 ± 0.12	
				Deep layer						13.1	10.2	-	None		29.5	6	2.6	<0.50 ± 0.13	<0.70 ± 0.15
				Surface layer	2014/6/18	Cloudy	21.3	11.7	18.8	0.5	Dark grayish yellow green	None	6.0	27.5	5	0.8	<0.56 ± 0.12	<0.49 ± 0.11	
				Deep layer						14.8	10.7	-	None		29.6	4	1.6	<0.62 ± 0.14	<0.72 ± 0.14
				Surface layer	2014/7/9	Light rain	19.4	10.9	19.8	0.5	Dark grayish yellowish green	None	3.9	26.1	6	1.7	<0.56 ± 0.13	<0.62 ± 0.13	
				Deep layer						15.8	9.9	-	None		29.4	3	0.5	<0.61 ± 0.12	<0.82 ± 0.17
				Surface layer	2014/8/7	Sunny	24.0	10.1	21.6	0.5	Grayish yellow green	None	5.0	28.8	3	0.6	<0.61 ± 0.14	<0.59 ± 0.12	
				Deep layer						21.1	9.1	-	None		29.3	4	0.3	<0.61 ± 0.14	<0.65 ± 0.12
				Surface layer	2014/9/9	Sunny	23.1	11.0	22.4	0.5	Grayish yellow green	None	5.5	28.9	7	0.6	<0.58 ± 0.099	<0.42 ± 0.12	
				Deep layer						22.4	10.0	-	None		29.0	5	1.3	<0.79 ± 0.18	<0.67 ± 0.13
				Surface layer	2014/10/2	Cloudy	19.5	11.0	20.9	0.5	Dark grayish green	None	4.6	29.4	3	1.3	<0.62 ± 0.12	<0.58 ± 0.10	
				Deep layer						20.8	10.0	-	None		29.8	3	0.7	<0.68 ± 0.12	<0.68 ± 0.16
				Surface layer	2014/11/6	Sunny	14.5	11.4	16.7	0.5	Dark grayish yellowish green	None	6.0	29.5	3	0.7	<0.48 ± 0.11	<0.61 ± 0.15	
				Deep layer						17.1	10.4	-	None		29.8	6	1.0	<0.58 ± 0.14	<0.55 ± 0.13
	Surface layer	2014/12/4	Cloudy	8.8	11.2	14.0	0.5	Dark grayish yellow green	None	3.8	29.9	4	2.3	<0.65 ± 0.15	<0.67 ± 0.14				
	Deep layer						14.3	10.2	-	None		30.2	9	2.7	<0.45 ± 0.089	<0.45 ± 0.10			
	Surface layer	2015/1/9	Sunny	6.9	11.8	7.9	0.5	Dark grayish green	None	7.5	30.0	2	0.7	<0.73 ± 0.13	<0.68 ± 0.14				
	Deep layer						8.3	10.8	-	None		30.1	2	0.5	<0.65 ± 0.11	<0.58 ± 0.12			
Surface layer	2015/2/4	Cloudy	2.6	10.8	7.2	0.5	Grayish yellow green	None	2.6	29.9	5	3.5	<0.58 ± 0.11	<0.65 ± 0.13					
Deep layer						7.4	9.8	-	None		30.1	4	2.7	<0.58 ± 0.15	<0.58 ± 0.16				

Fukushima Coastal (Water) 3/5

Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water													Remarks
No.	Water area						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						
214	Approx. 2,000 m offshore of Ukedo River	Surface layer	2014/5/22	Cloudy	14.8	16.5	13.8	0.5	Grayish yellowish green	None	3.1	28.9	6	1.9	<0.64 ± 0.15	<0.56 ± 0.13				
		Deep layer					13.2	15.5	-	None		29.6	12	1.7	<0.54 ± 0.12	<0.47 ± 0.14				
		Surface layer	2014/6/18	Cloudy	20.0	16.0	18.0	0.5	Dark grayish yellow green	None	5.0	27.4	3	0.7	<0.60 ± 0.13	<0.60 ± 0.12				
		Deep layer					12.8	15.0	-	None		30.0	5	2.3	<0.42 ± 0.084	<0.61 ± 0.11				
		Surface layer	2014/7/9	Light rain	19.5	16.1	18.4	0.5	Dark grayish green	None	7.2	28.6	4	1.2	<0.58 ± 0.11	<0.62 ± 0.12				
		Deep layer					13.5	15.1	-	None		29.8	6	1.4	<0.67 ± 0.12	<0.78 ± 0.19				
		Surface layer	2014/8/7	Sunny	22.9	15.8	20.8	0.5	Dark grayish yellow green	None	5.5	29.2	4	0.5	<0.58 ± 0.13	<0.67 ± 0.13				
		Deep layer					16.7	14.8	-	None		29.9	10	0.7	<0.61 ± 0.13	<0.57 ± 0.082				
		Surface layer	2014/9/9	Sunny	22.8	16.6	22.2	0.5	Light grayish yellow green	None	7.5	28.9	2	0.6	<0.61 ± 0.13	<0.67 ± 0.12				
		Deep layer					21.4	15.6	-	None		29.7	26	7.2	<0.64 ± 0.12	<0.75 ± 0.16				
		Surface layer	2014/10/2	Cloudy	19.2	16.2	20.6	0.5	Dark grayish blue green	None	6.7	28.4	3	1.0	<0.56 ± 0.11	<0.76 ± 0.14				
		Deep layer					20.7	15.2	-	None		29.8	4	1.3	<0.48 ± 0.098	<0.76 ± 0.17				
		Surface layer	2014/11/6	Sunny	13.5	16.8	16.2	0.5	Dark grayish yellowish green	None	5.9	28.9	4	0.6	<0.58 ± 0.14	<0.49 ± 0.080				
		Deep layer					16.4	15.8	-	None		29.8	4	0.5	<0.58 ± 0.11	<0.58 ± 0.12				
		Surface layer	2014/12/4	Sunny	9.3	16.5	14.1	0.5	Dark grayish yellow green	None	3.9	29.8	6	2.4	<0.64 ± 0.13	<0.45 ± 0.11				
Deep layer					14.3	15.5	-	None		30.3	6	2.4	<0.48 ± 0.11	<0.61 ± 0.14						
Surface layer	2015/1/9	Sunny	5.4	15.8	7.8	0.5	Dark grayish green	None	7.1	30.1	2	1.0	<0.59 ± 0.10	<0.84 ± 0.17						
Deep layer					8.1	14.8	-	None		30.1	3	1.0	<0.65 ± 0.11	<0.58 ± 0.12						
Surface layer	2015/2/4	Cloudy	2.3	15.8	6.9	0.5	Grayish yellow green	None	1.9	29.7	6	4.2	<0.56 ± 0.11	<0.58 ± 0.11						
Deep layer					6.9	14.8	-	None		30.2	10	4.1	<0.65 ± 0.12	<0.61 ± 0.12						
215	Neighboring sea area of Soso District	Surface layer	2014/5/29	Cloudy	15.3	11.5	13.6	0.5	Grayish yellowish green	None	3.0	29.5	4	1.7	<0.64 ± 0.14	<0.62 ± 0.11				
		Deep layer					12.6	10.5	-	None		30.0	7	3.1	<0.58 ± 0.11	<0.75 ± 0.17				
		Surface layer	2014/6/19	Cloudy	22.5	12.5	19.2	0.5	Dark grayish yellowish green	None	4.8	27.4	5	1.1	<0.62 ± 0.13	<0.52 ± 0.12				
		Deep layer					14.5	11.5	-	None		29.8	4	2.0	<0.62 ± 0.12	<0.72 ± 0.16				
		Surface layer	2014/7/15	Cloudy	24.4	11.8	22.4	0.5	Dark grayish yellow green	None	3.2	27.1	2	0.8	<0.46 ± 0.11	<0.58 ± 0.13				
		Deep layer					17.5	10.8	-	None		29.1	6	0.2	<0.59 ± 0.14	<0.41 ± 0.12				
		Surface layer	2014/8/5	Sunny	26.6	12.7	22.8	0.5	Dark grayish yellowish green	None	8.0	28.6	5	0.4	<0.60 ± 0.10	<0.55 ± 0.13				
		Deep layer					21.1	11.7	-	None		28.7	4	0.3	<0.56 ± 0.11	<0.49 ± 0.080				
		Surface layer	2014/9/5	Sunny	23.4	12.2	21.1	0.5	Grayish yellow green	None	2.6	29.6	7	2.8	<0.48 ± 0.11	<0.60 ± 0.14				
		Deep layer					20.4	11.2	-	None		29.9	6	1.9	<0.58 ± 0.13	<0.58 ± 0.12				
		Surface layer	2014/10/3	Cloudy	20.5	12.5	21.0	0.5	Dark grayish yellowish green	None	6.3	29.3	4	1.1	<0.52 ± 0.087	<0.76 ± 0.16				
		Deep layer					20.5	11.5	-	None		30.2	9	1.6	<0.62 ± 0.14	<0.52 ± 0.097				
		Surface layer	2014/11/6	Cloudy	16.9	12.5	16.8	0.5	Dark grayish yellow green	None	4.9	29.6	4	0.9	<0.56 ± 0.16	<0.56 ± 0.13				
		Deep layer					16.6	11.5	-	None		29.7	7	2.0	<0.56 ± 0.10	<0.62 ± 0.14				
		Surface layer	2014/12/9	Sunny	7.2	13.3	12.6	0.5	Grayish yellow green	None	3.0	30.2	8	2.3	<0.82 ± 0.18	<0.79 ± 0.17				
Deep layer					12.5	12.3	-	None		30.2	13	4.0	<0.76 ± 0.16	<0.70 ± 0.14						
Surface layer	2015/1/10	Sunny	4.2	13.3	8.4	0.5	Dark grayish yellowish green	None	6.5	30.1	2	0.9	<0.73 ± 0.14	<0.68 ± 0.14						
Deep layer					9.1	12.3	-	None		30.4	5	1.4	<0.62 ± 0.14	<0.76 ± 0.15						
Surface layer	2015/2/5	Cloudy	3.6	12.6	7.1	0.5	Grayish yellowish green	None	3.1	30.1	4	2.9	<0.52 ± 0.11	<0.63 ± 0.12						
Deep layer					7.2	11.6	-	None		30.1	4	2.7	<0.57 ± 0.13	<0.61 ± 0.13						
216	Approx. 1,000 m offshore of Tomioka River	Surface layer	2014/5/29	Cloudy	17.3	10.2	14.1	0.5	Grayish yellow green	None	2.7	29.3	6	4.2	<0.54 ± 0.15	<0.62 ± 0.15				
		Deep layer					12.9	9.2	-	None		29.9	9	4.1	<0.63 ± 0.15	<0.47 ± 0.15				
		Surface layer	2014/6/19	Cloudy	24.2	9.8	18.7	0.5	Grayish yellow green	None	4.2	27.6	8	1.7	<0.60 ± 0.12	<0.52 ± 0.14				
		Deep layer					15.7	8.8	-	None		29.2	3	1.7	<0.56 ± 0.12	<0.58 ± 0.13				
		Surface layer	2014/7/15	Sunny	24.2	9.9	20.1	0.5	Dark grayish yellow green	None	3.6	27.8	2	0.1	<0.65 ± 0.14	<0.60 ± 0.14				
		Deep layer					17.3	8.9	-	None		29.2	4	0.1	<0.47 ± 0.11	<0.67 ± 0.15				
		Surface layer	2014/8/5	Sunny	27.0	9.9	22.3	0.5	Dark grayish yellowish green	None	7.0	28.9	6	0.4	<0.62 ± 0.14	<0.55 ± 0.10				
		Deep layer					20.5	8.9	-	None		29.3	8	0.4	<0.54 ± 0.13	<0.65 ± 0.14				
		Surface layer	2014/9/5	Sunny	23.6	10.0	21.5	0.5	Dark grayish yellowish green	None	4.5	29.6	4	1.1	<0.70 ± 0.15	<0.55 ± 0.12				
		Deep layer					20.6	9.0	-	None		30.0	10	3.5	<0.64 ± 0.15	<0.63 ± 0.12				
		Surface layer	2014/10/3	Cloudy	20.7	10.2	20.8	0.5	Dark grayish yellowish green	None	5.2	29.3	4	0.9	<0.48 ± 0.089	<0.52 ± 0.16				
		Deep layer					20.6	9.2	-	None		29.9	9	1.6	<0.56 ± 0.10	<0.43 ± 0.12				
		Surface layer	2014/11/6	Cloudy	15.6	11.0	17.0	0.5	Dark grayish yellow green	None	4.0	29.7	4	0.9	<0.55 ± 0.10	<0.57 ± 0.16				
		Deep layer					16.7	10.0	-	None		30.1	15	3.2	<0.58 ± 0.091	<0.71 ± 0.17				
		Surface layer	2014/12/9	Sunny	8.2	11.1	12.2	0.5	Grayish yellow green	None	2.5	30.0	9	4.4	<0.76 ± 0.17	<0.65 ± 0.17				
Deep layer					12.1	10.1	-	None		30.0	19	6.1	<0.76 ± 0.18	<0.70 ± 0.18						
Surface layer	2015/1/10	Sunny	5.0	10.9	8.8	0.5	Dark grayish yellowish green	None	6.0	30.0	2	1.0	<0.60 ± 0.13	<0.58 ± 0.15						
Deep layer					9.2	9.9	-	None		30.4	6	0.9	<0.62 ± 0.12	<0.55 ± 0.12						
Surface layer	2015/2/5	Cloudy	3.5	10.2	7.1	0.5	Grayish yellow green	None	2.6	29.8	10	5.0	<0.58 ± 0.13	<0.63 ± 0.12						
Deep layer					7.3	9.2	-	None		30.1	11	5.4	<0.60 ± 0.13	<0.67 ± 0.15						

Fukushima Coastal (Water) 4/5

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Water								Remarks				
								General items				Activity concentration(Bq/L)								
	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	2014/5/26	Cloudy	17.5	13.5	14.2	0.5	Grayish yellow green	None	2.8	29.2	3	1.4	<0.60 ± 0.13	<0.52 ± 0.15			
			Deep layer					13.5	12.5	-	None		29.8	13	6.1	<0.68 ± 0.14	<0.55 ± 0.12			
			Surface layer	2014/6/16	Sunny	25.3	12.5	20.0	0.5	Dull bluish green	None	4.0	26.4	4	1.2	<0.64 ± 0.12	<0.71 ± 0.13			
			Deep layer					14.6	11.5	-	None		29.9	13	6.1	<0.61 ± 0.13	<0.62 ± 0.12			
			Surface layer	2014/7/19	Cloudy	21.2	13.5	20.4	0.5	Yellow greenish gray	None	5.6	21.8	3	1.1	<0.62 ± 0.13	<0.50 ± 0.16			
			Deep layer					18.8	12.5	-	None		28.6	5	0.4	<0.57 ± 0.13	<0.49 ± 0.089			
			Surface layer	2014/8/21	Sunny	27.2	8.6	22.6	0.5	Dark grayish yellow green	None	4.0	26.0	4	0.1	<0.67 ± 0.14	<0.67 ± 0.12			
			Deep layer					20.9	7.6	-	None		29.9	11	0.4	<0.53 ± 0.12	<0.55 ± 0.11			
			Surface layer	2014/9/18	Cloudy	18.2	10.8	21.2	0.5	Yellow greenish gray	None	3.5	28.4	4	0.9	<0.47 ± 0.14	<0.67 ± 0.13			
			Deep layer					20.0	9.8	-	None		29.5	3	0.5	<0.50 ± 0.10	<0.75 ± 0.17			
			Surface layer	2014/10/18	Sunny	13.0	13.5	17.7	0.5	Grayish yellow green	None	2.0	28.2	6	3.1	<0.61 ± 0.15	<0.62 ± 0.15			
			Deep layer					18.1	12.5	-	None		29.5	7	2.7	<0.54 ± 0.14	<0.56 ± 0.13			
			Surface layer	2014/11/20	Sunny	6.5	13.6	15.5	0.5	Bluish greenish dark gray	None	8.2	29.8	3	0.5	<0.57 ± 0.12	<0.55 ± 0.11			
			Deep layer					15.6	12.6	-	None		29.4	4	0.9	<0.59 ± 0.12	<0.61 ± 0.16			
			Surface layer	2014/12/12	Cloudy	8.5	13.8	13.8	0.5	Grayish yellow green	None	2.4	29.4	12	2.4	<0.87 ± 0.19	<0.79 ± 0.17			
			Deep layer					13.7	12.8	-	None		29.4	24	3.9	<0.82 ± 0.19	<0.70 ± 0.11			
			Surface layer	2015/1/8	Sunny	10.2	12.5	11.6	0.5	Dark grayish bluish green	None	4.5	31.1	3	1.0	<0.56 ± 0.11	<0.62 ± 0.12			
			Deep layer					11.5	11.5	-	None		30.7	7	1.7	<0.56 ± 0.14	<0.68 ± 0.14			
			Surface layer	2015/2/8	Cloudy	5.8	13.5	7.1	0.5	Dark grayish yellow green	None	2.3	29.9	6	2.8	<0.63 ± 0.15	<0.62 ± 0.15			
			Deep layer					7.5	12.5	-	None		29.6	9	2.5	<0.60 ± 0.15	<0.42 ± 0.12			
			218	Approx. 1,000 m offshore of Asami River Estuary	Approx. 1,000 m offshore of Ohisa River Estuary	Surface layer	2014/5/26	Cloudy	18.5	9.7	14.1	0.5	Grayish yellow green	None	2.1	29.4	6	4.1	<0.60 ± 0.14	<0.52 ± 0.14
						Deep layer					12.5	8.7	-	None		29.9	33	10	<0.54 ± 0.14	<0.59 ± 0.15
						Surface layer	2014/6/16	Sunny	22.8	12.6	17.9	0.5	Dull bluish green	None	5.2	28.4	3	1.0	<0.67 ± 0.13	<0.75 ± 0.13
						Deep layer					15.3	11.6	-	None		30.6	7	3.2	<0.64 ± 0.13	<0.57 ± 0.13
						Surface layer	2014/7/19	Cloudy	22.4	7.0	20.4	0.5	Dark grayish yellow green	None	4.5	27.0	2	0.4	<0.65 ± 0.14	<0.58 ± 0.14
						Deep layer					19.2	6.0	-	None		28.4	6	0.4	<0.58 ± 0.13	<0.65 ± 0.14
						Surface layer	2014/8/21	Sunny	28.8	6.1	24.4	0.5	Dark grayish green	None	5.5	28.4	1	0.3	<0.70 ± 0.16	<0.58 ± 0.11
						Deep layer					21.5	5.1	-	None		30.0	10	0.3	<0.61 ± 0.10	<0.63 ± 0.13
						Surface layer	2014/9/18	Cloudy	19.4	11.2	21.1	0.5	Yellow greenish gray	None	5.3	29.0	2	0.5	<0.74 ± 0.15	<0.67 ± 0.13
						Deep layer					20.5	10.2	-	None		29.8	4	0.9	<0.64 ± 0.10	<0.67 ± 0.15
						Surface layer	2014/10/18	Sunny	14.8	11.2	17.4	0.5	Grayish yellow green	None	1.6	28.0	7	5.0	<0.65 ± 0.15	<0.52 ± 0.10
						Deep layer					18.6	10.2	-	None		29.6	9	5.5	<0.48 ± 0.10	<0.56 ± 0.14
						Surface layer	2014/11/20	Sunny	8.0	11.0	16.0	0.5	Dark grayish bluish green	None	8.1	28.7	4	0.3	<0.59 ± 0.11	<0.61 ± 0.13
						Deep layer					15.7	10.0	-	None		29.7	4	0.5	<0.65 ± 0.14	<0.65 ± 0.13
						Surface layer	2014/12/12	Cloudy	9.5	12.5	14.0	0.5	Grayish yellow green	None	2.7	29.7	9	2.6	<0.77 ± 0.13	<0.75 ± 0.19
						Deep layer					13.7	11.5	-	None		30.1	17	3.9	<0.94 ± 0.22	<0.60 ± 0.16
Surface layer	2015/1/8	Sunny				9.0	11.8	12.2	0.5	Dark grayish green	None	5.0	31.2	3	0.9	<0.64 ± 0.10	<0.82 ± 0.18			
Deep layer								11.3	10.8	-	None		30.8	6	1.1	<0.69 ± 0.15	<0.62 ± 0.12			
Surface layer	2015/2/8	Cloudy				5.5	13.0	7.0	0.5	Yellow greenish gray	None	2.5	29.6	6	2.5	<0.47 ± 0.093	<0.56 ± 0.15			
Deep layer								7.0	12.0	-	None		30.2	13	4.7	<0.61 ± 0.14	<0.71 ± 0.15			
Surface layer	2014/5/26	Cloudy				17.4	10.3	14.2	0.5	Grayish yellow green	None	1.8	29.5	8	3.3	<0.55 ± 0.13	<0.67 ± 0.15			
Deep layer								13.5	9.3	-	None		30.0	16	7.1	<0.61 ± 0.11	<0.78 ± 0.20			
Surface layer	2014/6/16	Sunny				19.5	11.1	16.0	0.5	Grayish yellow green	None	2.8	19.1	4	2.3	<0.64 ± 0.14	<0.78 ± 0.16			
Deep layer								11.5	10.1	-	None		30.4	16	6.8	<0.47 ± 0.11	<0.82 ± 0.18			
Surface layer	2014/7/19	Cloudy				25.4	8.0	20.4	0.5	Dark grayish yellow green	None	3.5	26.4	3	0.3	<0.54 ± 0.11	<0.55 ± 0.11			
Deep layer								18.7	7.0	-	None		29.2	4	0.5	<0.54 ± 0.12	<0.62 ± 0.15			
Surface layer	2014/8/21	Cloudy				30.5	8.5	24.1	0.5	Dark grayish green	None	5.7	28.9	3	0.2	<0.59 ± 0.13	<0.56 ± 0.12			
Deep layer								23.0	7.5	-	None		29.3	11	0.5	<0.54 ± 0.13	<0.59 ± 0.13			
Surface layer	2014/9/18	Sunny				26.5	11.2	21.6	0.5	Dark grayish bluish green	None	4.6	29.8	2	0.3	<0.51 ± 0.12	<0.71 ± 0.13			
Deep layer								20.8	10.2	-	None		30.2	12	1.3	<0.58 ± 0.14	<0.62 ± 0.14			
Surface layer	2014/10/18	Sunny				18.8	11.0	18.6	0.5	Grayish yellow green	None	1.9	29.5	3	1.8	<0.65 ± 0.14	<0.71 ± 0.15			
Deep layer								18.5	10.0	-	None		29.7	38	9.4	<0.71 ± 0.16	<0.76 ± 0.18			
Surface layer	2014/11/20	Cloudy				11.8	10.8	17.6	0.5	Dark grayish blue green	None	9.0	30.4	3	0.3	<0.54 ± 0.14	<0.52 ± 0.11			
Deep layer								17.0	9.8	-	None		30.0	11	0.5	<0.51 ± 0.13	<0.56 ± 0.14			
Surface layer	2014/12/12	Cloudy				7.5	11.2	13.3	0.5	Grayish yellow green	None	2.2	28.1	10	1.9	<0.69 ± 0.13	<0.53 ± 0.12			
Deep layer								13.2	10.2	-	None		28.5	8	1.4	<0.71 ± 0.13	<0.70 ± 0.18			
Surface layer	2015/1/8	Sunny	8.8	10.2	11.6	0.5	Dark grayish green	None	6.9	31.1	2	0.6	<0.58 ± 0.091	<0.71 ± 0.15						
Deep layer					11.8	9.2	-	None		30.8	6	2.2	<0.69 ± 0.12	<0.75 ± 0.15						
Surface layer	2015/2/8	Cloudy	10.5	10.0	7.6	0.5	Grayish yellow green	None	1.9	30.5	6	2.3	<0.54 ± 0.12	<0.65 ± 0.15						
Deep layer					7.6	9.0	-	None		30.6	26	9.3	<0.56 ± 0.12	<0.65 ± 0.14						

Fukushima Coastal (Water)5/5

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															
C o a s t a l a r e a s	220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsui River	Surface layer	2014/5/27	Cloudy	18.5	18.8	14.0	0.5	Grayish green	None	5.4	29.8	4	1.2	<0.50 ± 0.11	<0.63 ± 0.16
				Deep layer				12.8	17.8	-	None			30.2	8	1.2	<0.60 ± 0.13	<0.65 ± 0.14
				Surface layer	2014/6/16	Sunny	26.5	17.6	18.3	0.5	Dark grayish bluish green	None	9.5	26.5	3	1.1	<0.57 ± 0.15	<0.50 ± 0.12
				Deep layer				10.7	16.6	-	None			30.8	16	4.3	<0.70 ± 0.15	<0.57 ± 0.13
				Surface layer	2014/7/18	Cloudy	20.5	13.9	18.9	0.5	Yellow greenish gray	None	2.3	16.2	10	1.8	<0.53 ± 0.13	<0.62 ± 0.16
				Deep layer				17.6	12.9	-	None			30.0	4	0.4	<0.57 ± 0.11	<0.59 ± 0.14
				Surface layer	2014/8/22	Cloudy	25.4	17.2	22.7	0.5	Dark grayish bluish green	None	8.0	27.2	4	0.3	<0.63 ± 0.14	<0.78 ± 0.16
				Deep layer				20.2	16.2	-	None			30.2	6	0.3	<0.62 ± 0.14	<0.59 ± 0.12
				Surface layer	2014/9/18	Sunny	25.8	16.7	21.5	0.5	Dark grayish blue green	None	7.3	29.4	2	0.2	<0.50 ± 0.091	<0.45 ± 0.083
				Deep layer				19.8	15.7	-	None			30.2	3	0.4	<0.52 ± 0.13	<0.55 ± 0.11
				Surface layer	2014/10/17	Sunny	14.2	18.6	17.4	0.5	Grayish yellow green	None	1.3	28.7	8	3.7	<0.69 ± 0.14	<0.67 ± 0.15
				Deep layer				17.6	17.6	-	None			29.0	7	2.0	<0.61 ± 0.13	<0.75 ± 0.18
				Surface layer	2014/11/21	Cloudy	9.8	16.8	18.0	0.5	Dark grayish blue	None	8.5	29.0	5	0.1	<0.56 ± 0.11	<0.59 ± 0.12
				Deep layer				17.4	15.8	-	None			31.1	4	0.2	<0.66 ± 0.14	<0.62 ± 0.12
				Surface layer	2014/12/13	Sunny	4.2	17.8	13.0	0.5	Dark grayish bluish green	None	6.5	28.7	<1	0.4	<0.84 ± 0.18	<0.75 ± 0.13
				Deep layer				13.8	16.8	-	None			30.6	3	0.7	<0.64 ± 0.14	<0.70 ± 0.16
				Surface layer	2015/1/9	Sunny	3.4	18.7	10.5	0.5	Bluish greenish dark gray	None	7.5	28.4	3	0.6	<0.59 ± 0.12	<0.56 ± 0.14
				Deep layer				10.9	17.7	-	None			28.0	2	0.9	<0.57 ± 0.13	<0.47 ± 0.10
	Surface layer	2015/2/7	Sunny	0.8	13.8	6.2	0.5	Dark grayish yellowish green	None	3.2	29.0	5	1.7	<0.64 ± 0.13	<0.67 ± 0.16			
	Deep layer				6.8	12.8	-	None			29.7	5	1.8	<0.64 ± 0.13	<0.67 ± 0.15			
	Surface layer	2014/5/27	Cloudy	17.8	16.5	17.2	0.5	Yellow greenish gray	None	3.9	12.0	8	4.2	<0.54 ± 0.11	<0.62 ± 0.14			
	Deep layer				13.0	15.5	-	None			30.4	8	2.3	<0.67 ± 0.14	<0.65 ± 0.14			
	Surface layer	2014/6/17	Cloudy	23.2	15.7	21.1	0.5	Dark yellow to dark redish brown	None	2.5	21.0	4	3.9	<0.73 ± 0.15	<0.55 ± 0.15			
	Deep layer				11.2	14.7	-	None			30.9	10	5.0	<0.61 ± 0.13	<0.71 ± 0.15			
	Surface layer	2014/7/18	Cloudy	21.0	17.6	20.0	0.5	Grayish reddish yellow	None	0.8	7.9	34	7.6	<0.62 ± 0.15	<0.68 ± 0.14			
	Deep layer				14.8	16.6	-	None			30.1	11	1.4	<0.66 ± 0.14	<0.56 ± 0.16			
	Surface layer	2014/8/22	Cloudy	28.0	16.5	25.4	0.5	Grayish yellow green	None	1.9	26.7	5	1.1	<0.59 ± 0.13	<0.76 ± 0.17			
	Deep layer				19.6	15.5	-	None			30.3	8	0.7	<0.68 ± 0.15	<0.59 ± 0.12			
	Surface layer	2014/9/19	Sunny	24.5	17.2	21.9	0.5	Dark grayish yellow green	None	2.4	28.6	3	1.0	<0.62 ± 0.13	<0.45 ± 0.092			
	Deep layer				19.3	16.2	-	None			30.5	12	4.8	<0.62 ± 0.12	<0.49 ± 0.12			
	Surface layer	2014/10/17	Cloudy	17.8	17.0	18.3	0.5	Grayish yellow green	None	2.6	25.8	6	1.3	<0.58 ± 0.11	<0.67 ± 0.13			
	Deep layer				18.9	16.0	-	None			29.9	10	4.0	<0.55 ± 0.12	<0.67 ± 0.18			
	Surface layer	2014/11/21	Sunny	12.2	17.2	16.7	0.5	Dark grayish green	None	4.2	27.4	6	0.9	<0.61 ± 0.13	<0.62 ± 0.12			
	Deep layer				17.5	16.2	-	None			30.8	8	1.9	<0.61 ± 0.11	<0.71 ± 0.15			
	Surface layer	2014/12/13	Sunny	7.2	14.4	13.8	0.5	Grayish yellow green	None	4.0	30.2	3	1.1	<0.82 ± 0.17	<0.60 ± 0.15			
	Deep layer				14.0	13.4	-	None			30.5	25	8.1	<0.57 ± 0.11	<0.60 ± 0.14			
	Surface layer	2015/1/9	Sunny	6.0	17.2	11.3	0.5	Grayish greenish yellow	None	5.7	30.4	2	0.6	<0.58 ± 0.12	<0.67 ± 0.13			
	Deep layer				11.7	16.2	-	None			30.4	3	1.0	<0.42 ± 0.089	<0.85 ± 0.18			
Surface layer	2015/2/7	Sunny	8.8	16.5	7.9	0.5	Dark grayish yellow green	None	5.4	23.4	3	1.5	<0.64 ± 0.13	<0.57 ± 0.082				
Deep layer				8.5	15.5	-	None			30.7	4	1.3	<0.72 ± 0.16	<0.57 ± 0.12				
Surface layer	2014/5/27	Light rain	17.6	18.5	15.5	0.5	Bluish greenish gray	None	4.3	28.5	7	1.0	<0.58 ± 0.11	<0.62 ± 0.12				
Deep layer				13.0	17.5	-	None			30.5	3	1.3	<0.55 ± 0.092	<0.42 ± 0.16				
Surface layer	2014/6/17	Cloudy	22.8	17.5	19.7	0.5	Grayish yellow green	None	3.2	27.1	4	3.0	<0.54 ± 0.13	<0.65 ± 0.14				
Deep layer				11.3	16.5	-	None			30.6	7	4.3	<0.56 ± 0.13	<0.71 ± 0.15				
Surface layer	2014/7/18	Light rain	22.3	19.0	19.0	0.5	Grayish reddish yellow	None	1.3	23.3	28	3.6	<0.56 ± 0.13	<0.60 ± 0.10				
Deep layer				15.5	18.0	-	None			30.1	3	0.1	<0.60 ± 0.13	<0.61 ± 0.096				
Surface layer	2014/8/22	Cloudy	30.0	16.2	25.4	0.5	Dark grayish green	None	3.4	27.8	6	0.6	<0.71 ± 0.16	<0.47 ± 0.079				
Deep layer				20.8	15.2	-	None			29.9	4	0.3	<0.59 ± 0.13	<0.76 ± 0.15				
Surface layer	2014/9/19	Cloudy	23.0	17.5	21.5	0.5	Dark grayish green	None	4.1	29.5	2	0.5	<0.58 ± 0.11	<0.49 ± 0.12				
Deep layer				20.0	16.5	-	None			30.1	10	1.0	<0.58 ± 0.12	<0.55 ± 0.12				
Surface layer	2014/10/17	Sunny	22.0	18.0	19.8	0.5	Dark grayish yellow green	None	2.6	28.5	6	1.4	<0.64 ± 0.10	<0.82 ± 0.17				
Deep layer				18.1	17.0	-	None			30.1	6	2.0	<0.64 ± 0.15	<0.71 ± 0.13				
Surface layer	2014/11/21	Sunny	15.3	17.8	18.0	0.5	Dark grayish bluish green	None	8.0	30.3	4	0.3	<0.58 ± 0.11	<0.57 ± 0.11				
Deep layer				18.3	16.8	-	None			30.8	5	0.3	<0.61 ± 0.13	<0.67 ± 0.12				
Surface layer	2014/12/13	Sunny	10.8	18.7	14.8	0.5	Grayish yellow green	None	5.8	30.8	3	0.8	<0.65 ± 0.14	<0.67 ± 0.13				
Deep layer				14.5	17.7	-	None			30.7	2	0.8	<0.54 ± 0.13	<0.57 ± 0.14				
Surface layer	2015/1/9	Sunny	9.5	19.1	12.5	0.5	Dark grayish blue green	None	9.5	30.5	2	0.4	<0.65 ± 0.14	<0.52 ± 0.11				
Deep layer				12.4	18.1	-	None			31.2	2	1.0	<0.63 ± 0.13	<0.62 ± 0.13				
Surface layer	2015/2/7	Sunny	9.2	16.5	9.1	0.5	Grayish yellow green	None	4.9	31.3	3	1.0	<0.61 ± 0.11	<0.67 ± 0.16				
Deep layer				8.7	15.5	-	None			31.0	7	2.1	<0.74 ± 0.16	<0.67 ± 0.15				

Fukushima Coastal (Sediment) 1/3

No.	Location			Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment																		Remarks
	Water area	Approx. distance from coast	Approx. distance from river					General items															Activity concentration [Bq(kg dry)]			
								Sediment temperature (°C)	Sample length (cm)	Color	Odor	Grain size distribution (%)						Sediment content (%)	Density (g/cm ³)	Property	Cs-134		Cs-137		Total	
												Coarse gravel	Medium gravel	Fine gravel	Coarse sand	Medium sand	Fine sand				Silt	Clay	10	20		
200	Neighboring sea area of Soso	Approx. 2.000 m offshore of Tsurubihama Fishing Port	2014/5/20	Cloudy	15.6	14.6	11.4	5	Faint hydrogen sulfide	None	0.0	0.0	0.3	0.9	8.4	81.8	3.1	5.6	78.3	2.653	Sand	2.0	± 0.25	6.0	± 0.30	8.0
			2014/6/13	Cloudy	17.1	14.5	14.9	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.3	4.9	84.4	5.3	5.1	75.5	2.652	Sand	<0.8	± 0.38	1.2	± 0.6	1.2
			2014/7/3	Cloudy	22.5	15.0	14.6	10	Blackish brown	None	0.0	0.0	0.0	0.3	7.5	84.0	1.5	6.7	74.6	2.662	Sand	1.6	± 0.27	6.2	± 0.49	7.8
			2014/8/8	Cloudy	22.2	16.1	19.4	5	Dark olive brown	None	0.0	0.0	0.4	0.6	6.7	86.4	2.7	1.3	75.8	2.646	Sand	1.5	± 0.34	5.5	± 0.49	7.0
			2014/9/4	Cloudy	22.6	16.0	20.9	5	Blackish brown	None	0.0	0.0	0.1	0.4	7.3	84.4	3.7	4.1	79.2	2.670	Sand	1.7	± 0.31	4.4	± 0.40	6.1
			2014/10/8	Sunny	22.3	15.0	20.0	10	Blackish brown	None	0.0	0.0	0.3	0.2	83.4	2.0	8.0	79.1	2.664	Sand	1.5	± 0.34	5.2	± 0.42	6.7	
			2014/1/14	Cloudy	14.5	15.2	16.8	5	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.3	6.9	83.1	3.1	6.5	77.2	2.683	Sand	1.4	± 0.39	5.8	± 0.34	7.2
			2014/1/25	Sunny	6.1	15.2	13.2	10	Faint hydrogen sulfide	None	0.0	0.1	0.2	1.6	10.7	87.5	9.4	10.1	79.1	2.654	Sand	<2.1	± 0.33	5.0	± 0.42	7.1
			2015/1/9	Sunny	3.7	16.3	8.9	10	Oliver brown	None	0.0	0.0	0.6	11.8	80.5	2.9	4.1	74.3	2.667	Sand	2.1	± 0.25	6.2	± 0.33	8.3	
			2015/2/2	Sunny	6.4	15.0	8.4	10	Oliver brown	None	0.0	0.5	0.7	0.9	10.0	82.4	0.7	4.8	79.9	2.728	Sand	1.8	± 0.22	5.5	± 0.30	7.3
			2014/5/21	Light rain	14.5	1.8	13.1	10	Faint hydrogen sulfide	None	0.0	0.0	0.4	1.6	17.0	75.7	2.1	3.2	77.0	2.689	Sand	10	± 2.4	28	± 3.5	38
			2014/6/12	Light rain	17.2	1.8	19.8	10	Faint hydrogen sulfide	None	0.6	1.5	5.1	21.2	63.2	2.5	6.0	70.4	2.668	Sand	18	± 2.9	55	± 4.3	73	
209	Matsukawaura sea area	Around center of Fishing Right Area-1 in Matsukawaura sea area	2014/7/3	Cloudy	25.3	2.0	22.5	10	Blackish brown	None	0.0	1.0	2.3	2.3	22.7	66.2	0.5	4.8	76.0	2.711	Sand	8.5	± 2.3	32	± 3.7	40.3
			2014/8/8	Cloudy	25.9	2.1	27.4	10	Faint hydrogen sulfide	None	0.0	0.9	2.3	2.8	28.7	60.8	0.7	3.8	77.8	2.692	Sand	<9.1	± 2.7	17	± 3.0	17
			2014/9/4	Cloudy	29.9	1.9	22.8	10	Faint hydrogen sulfide	None	0.2	7.3	6.5	28.4	66.5	1.4	7.8	80.3	2.699	Sand	<9.6	± 2.5	19	± 3.8	19	
			2014/10/1	Cloudy	19.5	2.2	21.6	10	Faint hydrogen sulfide	None	0.0	0.1	0.3	0.3	13.7	81.2	0.4	4.1	75.2	2.678	Sand	10	± 3.4	33	± 4.7	43
			2014/1/14	Cloudy	16.2	1.8	16.9	10	Blackish brown	None	0.0	3.2	4.5	5.5	20.6	61.1	1.2	3.9	75.3	2.686	Sand	10	± 3.0	35	± 4.3	45
			2014/1/25	Sunny	8.4	2.4	11.4	10	Oliver brown	None	0.0	3.9	2.8	2.1	17.9	65.3	0.1	7.9	79.4	2.712	Sand	<4.3	± 1.4	26	± 2.5	26
			2015/1/8	Sunny	7.3	1.9	7.8	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.7	77.3	18.2	1.3	2.2	79.4	2.713	Sand	1.8	± 0.34	5.9	± 0.29	7.7
			2015/2/4	Cloudy	4.4	1.8	6.4	10	Faint hydrogen sulfide	None	0.0	1.4	2.6	3.8	13.7	72.1	3.8	2.6	74.6	2.654	Sand	11	± 1.7	33	± 2.6	44
			2014/5/21	Light rain	11.8	19.2	10.2	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	9.9	65.7	17.4	7.0	76.2	2.664	Sand	<7.7	± 2.6	35	± 2.9	35
			2014/6/11	Cloudy	18.5	19.1	12.5	10	Blackish brown	None	0.0	0.0	0.0	0.0	9.0	77.3	5.5	8.1	76.6	2.674	Sand	<6.4	± 2.0	18	± 2.8	18
			2014/7/2	Sunny	25.3	19.6	14.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	10.3	73.9	8.5	7.1	72.8	2.675	Sand	7.9	± 1.7	17	± 3.2	24.9
			210	Neighboring sea area of Soso	Approx. 2.000 m offshore of Mano River	2014/8/8	Sunny	24.3	20.7	17.4	10	Oliver brown	None	0.0	0.0	0.0	0.0	7.2	77.6	7.3	7.9	76.0	2.673	Sand	9.6	± 2.6
2014/9/9	Sunny	23.4				20.5	21.0	10	Oliver brown	None	0.0	0.0	0.0	0.1	21.5	64.0	6.1	8.4	76.2	2.656	Sand	<6.5	± 1.4	17	± 2.2	17
2014/10/1	Cloudy	17.1				20.0	20.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	7.2	75.3	10.5	6.9	74.6	2.699	Sand	<9.5	± 2.5	10	± 3.0	10
2014/1/15	Cloudy	10.6				20.0	17.0	10	Gravish olive	None	0.0	0.0	0.0	0.0	10.1	67.3	14.7	7.9	74.0	2.675	Sand	<9.9	± 2.6	31	± 4.7	31
2014/1/23	Sunny	9.5				20.7	14.2	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	7.7	58.4	21.0	12.0	73.9	2.637	Sand	<8.1	± 2.6	24	± 4.1	24
2015/1/8	Sunny	5.0				20.5	8.5	10	Oliver brown	None	0.0	0.0	0.0	0.3	14.9	67.7	6.4	6.4	73.7	2.717	Sand	<7.0	± 2.3	17	± 3.1	17
2015/2/3	Cloudy	3.1				20.2	7.5	10	Oliver brown	None	0.0	0.0	0.0	0.0	11.4	67.3	13.2	8.1	76.2	2.712	Sand	<5.7	± 1.9	12	± 3.8	12
2014/5/21	Light rain	14.2				8.5	13.0	5	Blackish brown	None	0.0	0.1	0.2	0.2	15.1	79.6	1.0	4.1	79.6	2.735	Sand	<6.2	± 2.0	13	± 2.4	13
2014/6/11	Cloudy	18.1				8.1	17.2	10	Dark olive brown	None	0.0	0.0	0.1	10.2	82.1	1.6	4.1	79.1	2.710	Sand	7.6	± 1.9	20	± 2.5	27.6	
2014/7/2	Sunny	25.5				8.5	18.8	5	Blackish brown	None	0.0	0.5	0.1	0.2	19.6	67.0	0.4	4.7	76.9	2.767	Sand	<7.5	± 2.2	12	± 3.0	12
2014/8/6	Sunny	24.0				8.2	18.5	10	Blackish brown	None	0.0	0.0	0.1	14.4	78.4	0.6	6.6	77.4	2.732	Sand	<9.0	± 2.8	27	± 4.1	27	
211	Neighboring sea area of Hamauchi City	Approx. 1.000 m offshore of Naha River				2014/9/9	Sunny	22.0	8.6	22.2	10	Blackish brown	None	0.0	0.0	0.0	15.8	77.5	2.0	4.7	79.3	2.765	Sand	<7.6	± 2.2	18
			2014/10/1	Cloudy	17.3	8.7	20.8	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	11.5	72.3	8.2	6.0	76.0	2.754	Sand	<9.0	± 2.9	22	± 4.0	22	
			2014/1/15	Cloudy	9.8	8.0	17.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	14.5	64.0	15.2	6.2	81.4	2.685	Sand	12	± 3.1	29	± 4.1	41	
			2014/1/23	Sunny	8.2	9.0	14.0	4	Oliver brown	None	0.0	0.0	0.3	0.8	31.4	58.8	6.4	5.4	78.9	2.710	Sand	10	± 1.7	33	± 2.7	43
			2015/1/8	Sunny	4.6	8.7	7.7	10	Oliver brown	None	0.0	0.0	0.0	0.2	27.5	62.6	3.4	6.4	75.8	2.729	Sand	5.6	± 1.8	9.5	± 2.2	15.1
			2015/2/3	Cloudy	3.1	8.8	7.8	10	Oliver brown	None	0.0	0.3	0.7	24.8	66.6	5.8	4.7	78.3	2.716	Sand	19	± 2.7	66	± 4.0	84	
			2014/5/21	Cloudy	14.5	10.8	13.0	5	Blackish brown	None	0.0	0.0	0.0	0.1	5.1	89.8	1.2	3.8	77.7	2.706	Sand	7.3	± 2.1	22	± 3.4	31.3
			2014/6/11	Cloudy	17.9	10.2	17.5	10	Blackish brown	None	0.0	0.1	0.1	3.8	89.3	1.9	3.9	77.7	2.697	Sand	<6.2	± 2.5	22	± 2.8	22	
			2014/7/2	Sunny	24.2	10.9	20.0	5	Blackish brown	None	0.0	0.0	0.1	3.6	89.7	1.8	4.8	73.9	2.664	Sand	<7.3	± 2.4	18	± 3.3	18	
			2014/8/6	Sunny	23.6	10.5	18.8	10	Oliver brown	None	0.0	0.0	0.1	2.4	89.4	3.1	3.8	73.0	2.693	Sand	<6.6	± 1.9	17	± 2.8	17	
			2014/9/9	Sunny	21.7	10.7	21.3	10	Oliver brown	None	0.0	0.0	0.0	0.0	4.3	89.2	1.5	5.0	76.1	2.684	Sand	<5.6	± 2.8	15	± 2.9	15
			212	Neighboring sea area of Hamauchi City	Approx. 1.000 m offshore of Ota River	2014/10/1	Cloudy	17.1	11.5	20.5	10	Gravish olive	None	0.0	0.0	0.0	4.0	88.2	2.6	5.2	78.1	2.700	Sand	12	± 3.2	26
2014/1/15	Cloudy	9.4				10.7	16.7	5	Oliver brown	None	0.0	0.0	0.1	3.0	88.2	2.7	6.0	75.4	2.669	Sand	<5.1	± 3.0	21	± 4.3	21	
2014/1/23	Sunny	8.2				11.2	14.2	10	Oliver brown	None	0.0	0.0	0.0	1.7	78.4	12.7	7.2	77.9	2.696	Sand	6.0	± 1.2	36	± 2.1	32.0	
2015/1/8	Sunny	4.7				11.6	8.1	10	Faint hydrogen sulfide	None	0.0	0.0	0.4	6.1	3.9	88.9	2.6	5.4	73.3	2.689	Sand	<7.3	± 2.3	26	± 3.6	26
2015/2/3	Cloudy	2.9				11.2	7.2	10	Oliver brown	None	0.0	0.0	0.4	0.1	3.7	83.4	8.0	4.8	76.3	2.737	Sand	<6.9	± 2.3	24	± 3.3	24
2014/5/23	Cloudy	14.2				11.2	13.3																			

Fukushima Coastal (Sediment) 3/3

Location				Sediment																		Remarks						
No.	Water area	Sampling Date	Weather	Air temperature (°C)	Water depth (m)	Sediment temperature (°C)	Sample length (cm)	Color	Odor	General items										Activity concentration (Bq/kg(dry))								
										Coarse gravel	Medium gravel	Fine gravel	Grain size distribution (%)		Fine sand	Silt	Clay	Sediment content (%)	Density (g/cm ³)	Property	Cs-134		Cs-137	Total				
220	Neighboring sea area of Iwaki City	Approx. 1,500 m offshore of Natsumi River	2014/5/27	Cloudy	18.5	18.8	13.5	10	Grayish olive	None	0.0	0.0	0.0	0.0	0.0	93.7	2.0	3.2	73.2	2.678	Sand	27	±	5.2	74	±	7.5	101
			2014/6/16	Sunny	26.5	17.6	14.0	10	Grayish olive	None	0.0	0.0	0.0	1.2	94.2	1.3	3.3	75.5	2.660	Sand	18	±	4.3	62	±	6.2	80	
			2014/7/18	Cloudy	20.5	13.9	18.0	10	Grayish olive	None	0.0	0.0	0.1	0.1	93.6	1.4	3.8	75.7	2.704	Sand	19	±	2.1	51	±	3.3	70	
			2014/8/27	Cloudy	25.4	17.2	20.5	10	Other brown	None	0.0	0.0	0.0	1.1	93.3	0.8	4.8	75.7	2.634	Sand	24	±	3.0	65	±	6.3	84	
			2014/9/18	Sunny	25.8	16.7	20.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.1	1.0	93.5	2.1	3.3	72.2	2.667	Sand	16	±	3.1	62	±	5.3	78
			2014/10/17	Sunny	14.2	18.6	17.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	0.7	95.9	1.0	2.4	74.1	2.651	Sand	13	±	2.1	41	±	3.2	54
			2014/11/21	Cloudy	9.8	16.8	17.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	0.7	97.6	11.8	9.8	76.2	2.650	Sand	9.0	±	3.0	50	±	4.7	59.0
			2014/12/13	Sunny	4.2	17.8	13.3	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.0	0.3	95.9	37.3	6.4	76.0	2.993	Sand	9.7	±	3.1	35	±	6.3	44.7
			2015/1/9	Sunny	3.4	18.7	11.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.6	96.7	1.8	0.8	76.3	2.727	Sand	6.8	±	2.3	45	±	3.6	51.8	
			2015/2/7	Sunny	0.8	13.8	7.2	10	Other brown	None	0.0	0.0	0.0	0.8	95.6	1.1	2.5	77.1	2.674	Sand	8.9	±	2.7	44	±	5.0	52.9	
			2014/5/27	Cloudy	17.8	16.5	13.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.9	97.1	17.0	25.0	50.0	2.570	Silt	140	±	44	400	±	23	540	
			2014/6/17	Cloudy	23.2	15.7	13.0	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.1	0.1	1.3	90.7	20.8	27.1	54.7	2.519	Silt	130	±	9.3	410	±	16	540
			2014/7/18	Cloudy	31.0	17.6	14.0	10	Faint hydrogen sulfide	Hydrogen sulfide	0.0	0.0	0.0	0.0	30.8	18.4	30.0	53.0	2.721	Silt/sand	120	±	11	330	±	18	450	
			2014/8/22	Cloudy	28.0	16.5	19.0	10	Faint hydrogen sulfide	Faint	0.0	0.5	0.2	0.1	0.9	49.0	25.9	25.8	53.8	2.539	Silt	130	±	11	320	±	17	450
			2014/9/19	Sunny	28.5	17.2	20.0	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.0	0.0	93.8	19.4	37.8	57.3	2.562	Silt	170	±	12	610	±	32	780	
			2014/10/17	Cloudy	17.8	17.0	17.5	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.0	0.0	81.9	20.8	36.5	58.7	2.530	Silt	120	±	10	360	±	17	480	
			2014/11/21	Sunny	12.2	17.2	18.0	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.0	0.0	83.9	27.6	27.7	55.0	2.594	Silt	110	±	8.4	330	±	14	440	
			2014/12/13	Sunny	7.2	14.4	15.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.1	64.4	11.7	56.5	31.3	45.3	2.520	Silt	190	±	13	640	±	23	830
2015/1/9	Sunny	6.0	17.5	11.0	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.0	0.0	52.3	20.7	26.2	45.4	2.577	Silt	99	±	9.3	350	±	18	449				
2015/2/7	Sunny	8.8	16.5	8.0	10	Faint hydrogen sulfide	Faint	0.0	0.0	0.2	0.1	57.6	19.3	21.7	57.3	2.575	Silt	84	±	8.7	270	±	15	354				
2014/5/27	Light rain	17.6	18.5	14.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.2	2.0	85.1	7.0	5.7	73.5	2.648	Sand	28	±	4.0	76	±	7.5	104			
2014/6/17	Cloudy	22.8	17.5	14.6	10	Grayish olive	None	0.0	0.0	0.1	0.2	1.9	81.8	10.2	5.0	70.3	2.664	Sand	26	±	4.0	98	±	6.8	124			
2014/7/18	Light rain	23.2	19.0	16.0	10	Grayish olive	None	0.0	0.1	0.2	0.0	33.0	83.0	7.7	7.0	74.6	2.670	Sand	29	±	4.3	85	±	7.3	114			
2014/8/22	Cloudy	30.0	16.2	24.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.0	0.1	2.1	82.7	4.7	10.4	70.8	2.662	Sand	33	±	4.4	69	±	7.1	102			
2014/9/19	Cloudy	23.0	17.5	20.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.2	1.5	81.9	10.6	5.7	71.2	2.678	Sand	27	±	4.2	69	±	6.9	96			
2014/10/17	Sunny	23.0	18.0	18.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.1	2.0	80.5	8.9	8.3	69.7	2.633	Sand	25	±	4.4	83	±	7.5	108			
2014/11/21	Sunny	15.3	17.8	18.2	10	Faint hydrogen sulfide	None	0.0	0.2	0.0	0.1	1.1	98.8	31.1	7.8	71.3	2.663	Sand	17	±	3.6	71	±	5.8	88			
2014/12/13	Sunny	10.8	18.7	14.8	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.1	0.8	28.2	64.2	6.6	71.8	2.672	Sand	16	±	3.4	59	±	5.3	75			
2015/1/9	Sunny	9.5	19.1	13.0	10	Faint hydrogen sulfide	None	0.0	0.0	0.1	0.1	1.8	39.0	13.7	5.3	72.1	2.706	Sand	14	±	4.2	70	±	6.7	84			
2015/2/7	Sunny	9.2	16.5	9.5	10	Faint hydrogen sulfide	None	0.0	0.0	0.2	0.2	2.2	79.1	11.8	6.1	71.6	2.636	Sand	26	±	4.6	99	±	8.0	123			



Figure 3.5.4 (1) Survey Locations (Fukushima Prefecture)

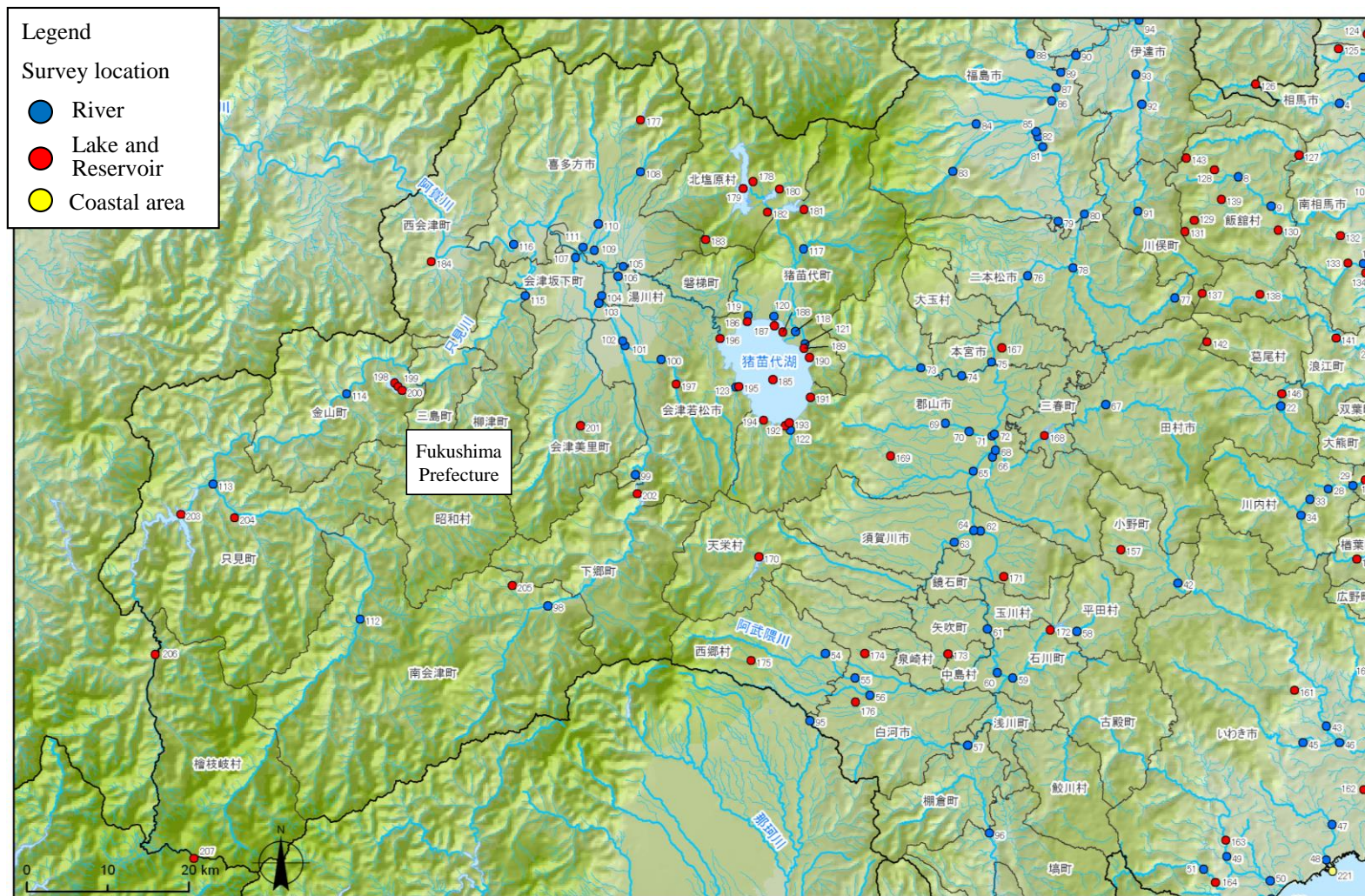


Figure 3.5.4 (2) Survey Locations (Fukushima Prefecture)