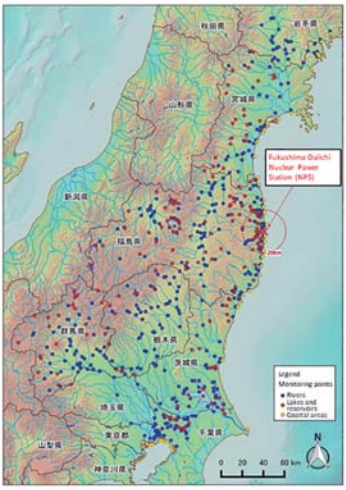
Radiation Monitoring of Public Water Areas

Radioactive Material Monitoring in and around Fukushima Prefecture (Public Water Areas)



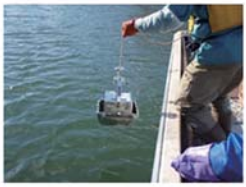
[Coverage]
Whole Area of Fukushima, Miyagi, Ibaraki, Tochigi and Gunma Prefectures, and part of Iwate and Chiba Prefectures, etc.

[Monitoring points]
602 locations

[Radionuclide analyses]
- Samples
  Water, sediments and Surrounding environment (soil)
- Analyzed radionuclides
  Radioactive cesium
  Radioactive strontium (only for some water and sediment samples)

[Frequencies]
Twice to 10 times a year depending on the contamination status, etc.

(River: water sampling)



(Lake: sediments sampling)

Prepared based on the Results of the FY2020 Radioactive Material Monitoring in the Water Environment (Public Water Areas) by the Ministry of the Environment
http://www.env.go.jp/jishin/monitoring/results_r-pw-r02.html (in Japanese)

Radioactive material monitoring was conducted at rivers, lakes and coastal areas in locations centered on Fukushima Prefecture, such as Miyagi and Ibaraki Prefectures, where contamination with radioactive materials was suspected.

In FY2020, monitoring covered 602 locations and analysis was conducted for radioactive cesium and strontium in water, etc.

Monitoring results of radioactive cesium concentrations in water are as follows. Monitoring results for sediments (mud of the bottom of rivers, lakes, etc.) are shown in p.42 of Vol. 2, “Radioactive Material Monitoring in the Water Environment (River Sediments)” through to p.44 of Vol. 2, “Radioactive Material Monitoring in the Water Environment (Coastal Area Sediments).”

[Monitoring results of radioactive cesium concentrations in water]

River water samples (1,464 samples): Radioactive cesium was not detected in any samples.

Lake/reservoir water samples (979 samples): Radioactive cesium was not detected in any samples except for 6 collected at 2 locations in the Hamadori District, Fukushima Prefecture.

Coastal samples (420 samples): Radioactive cesium was not detected in any samples.

*At all locations where radioactive cesium or strontium was detected, amounts of suspended solids (SS) and turbidity were relatively large.

Included in this reference material on March 31, 2013
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