

Ratio of I-131 to Cs-137 in deposition rate to soils affected by the accident of Fukushima Daiichi Nuclear Power Plant

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To clarify the effect of radioactive substances released by the accident of the Fukushima Daiichi Nuclear Power Plant (FDNPP) on terrestrial ecosystems, the Ministry of Education, Sport, Culture, Science and Technology (MEXT) organized intensive field studies on regional deposition of radioactive substances to surface soils in east Fukushima during June-July 2011. The data was open in August and September 2011 by the MEXT. In this report, a preliminary result is summarized by using those data to analyze regional distribution of the ratio of I-131 to Cs-137.

Keywords: deposition ratio, surface soils, Cs-137, I-131, regional distribution, Fukushima Daiichi Nuclear Power Plant