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## Regional map of radioactive Cs in the agricultural soils affected by the accident of Fukushima nuclear power plant

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To clarify the effect of radioactive substances emitted by the accident of the Fukushima Nuclear Power Plant on agro-ecosystems, the surface soils of 0-15cm in depth were collected at rice paddy fields and upland fields in 10 prefectures from the end of March to early April 2011, and their Cesium (Cs) radioisotope concentrations were analyzed by National Institute of Agro Environmental Sciences and other analytical centers. After those data were published on the website of each prefecture, we collected those published data to make a map for the regional distribution of Cs radioisotope concentrations in south Tohoku, Kanto, and Hokuriku area. In this report, a preliminary result by the analysis of the map is summarized for a distinctive feature of regional distribution of Cs radioisotope concentrations.

Keywords: accident of Fukushima nuclear power plant, agricultural soil, Cesium radioisotope, regional distribution