

Establishment of the National Baseline Using Data from IDC

The radionuclide levels from the selected IMS stations have been studied, in order to establish the national baselines. The study has focused on specific radionuclides including nuclides from medical production and fission products from nuclear reactors or nuclear power plants, as well as existing particulate and gaseous nuclides from nuclear tests from the past. The data obtained from IDC products for the region of East Asia have been analyzed from year 2010. Then, geostatistic analysis has been performed to study the probability distributions of the radiation from the nuclides of interest across the country. The radiation baselines will be used as a new measure supporting the decision making in case of nuclear incidents in the region.

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