

The Future Directions of Environmental Radiation Monitoring in the post-Fukushima Era

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By summarizing the environmental radiation emergency monitoring methods and results in China and Japan, we analyzed the deficiencies in the emergency monitoring radiation in our country. 1) There are not enough automatic monitoring stations in the Radiation Environmental Monitoring Network so the coverage is narrow. 2) The lack of clear emergency monitoring programs. 3) The incomplete quality assurance system. Etc.

For these problems, we proposed some suggestions of the future development directions for radiation environmental monitoring in the post-Fukushima Era. 1) Strengthening the construction of radiation automatic monitoring stations. 2) Developing the targeted capacity-building of National Radiation Environmental Monitoring. 3) Setting up scientific and standardized emergency preplan. 4) Developing rapid monitoring technology. 5) Strengthening the quality management system of the whole process of radiation monitoring.

Country or International Organisation

People's Republic of China

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