1. Title
Critical Issues of Radionuclide Behavior in Soils and Remediation

2. Type
Inter-Divisional Symposium

3. Organizer(s) & Convener
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4. Rationale
After large scale releases of radionculides into the environment, soils act as the major medium- to long-term sink. At the same time, soil is an important source for the entrance of radionuclides into the food chain and the environment due to different transfer processes. After the accident in Chernobyl radioecology gained tremendous new insights into the radionuclide behavior in soils and research on feasible countermeasures has been conducted widely.

5. Objectives
Today, after the accident in Fukushima Daiichi, it seems to be appropriate, both to review the lessons learnt from the Chernobyl accident and to discuss the scientific results obtained investigating the effect of the radionuclide releases on soils and ecosystems in Japan.

6. Description
After large scale releases of radionculides into the environment, soils act as the major medium- to long-term sink. At the same time, soil is an important source for the entrance of radionuclides into the food chain and the environment due to different transfer processes. After the accident in Chernobyl radioecology gained tremendous new insights into the radionuclide behavior in soils and research on feasible countermeasures has been conducted widely. Today, after the accident in Fukushima Daiichi, it seems to be appropriate, both to review the lessons learnt from the Chernobyl accident and to discuss the scientific results obtained investigating the effect of the radionuclide releases on soils and ecosystems in Japan. The present conference symposium welcomes papers on both topics with special emphasis on the understanding of the role of soils with respect to radionuclide mobility and countermeasures.