INSTITUT
DE RADIOPROTECTION
ET DE SÛRETÉ NUCLÉAIRE

Ibaraki Univ.-IRSN joint symposium for environmental radioactivity studies on the Fukushima Daiichi Nuclear Power Plant accident

10th November, 2016. Library hall in Ibaraki University, Mito

= Oral presentation program =

10:00-10:10 Opening by Prof. Nobuo Mimura, President of Ibaraki University
10:10-10:20 Greeting by Mr. Sunil Ferix, French Embassy
10:20-10:40 Review of ISET-R study for Fukushima environmental radioactivity issues and expectation for collaboration with IRSN activities, by Dr. Yasuhito Igarashi, MRI
10:40-11:00 IRSN research activities on Fukushima environmental radioactivity issues by Dr. Olivier Masson, IRSN
11:00-11:20 Predictions of the ambient dose equivalent rates for 30 years following the Fukushima Daiichi nuclear power plant accident, by Dr. Sakae Kinase, Ibaraki Univ./ JAEA
11:20-11:40 Physical property change of radioactive Cesium Granular released from NPP, by Prof. Kenji Kikuchi, Ibaraki Univ.
11:40-12:00 Development of a gamma-ray imaging Compton camera (γI) for monitoring radioactive cesium due to the Fukushima Daiichi Nuclear Power Plant accident, by Dr. Mika Kagaya, Ibaraki Univ.

(12:00-12:30 Poster presentation 1)
(12:30-13:30 Lunch time)

13:30-13:50 Radiostrontium monitoring of bivalves from the Pacific coast of eastern Japan, by Dr. Zin'ichi Karube, Ibaraki Univ.
13:50-14:10 Tillage can reduce the radiocesium contamination of soybean after the Fukushima Daiichi nuclear power plant accident, by Prof. Masakazu Komatsuzaki, Ibaraki Univ.
14:10-14:30 Cycling of particulate pollutants between the atmosphere and terrestrial compartment, by Dr. Olivier Masson, IRSN
14:30-14:50 Resuspension of microorganisms from plant canopies at low wind friction velocities: a difference between the living and the inert?, by Dr. Maro Denis, IRSN (presented by Dr. Olivier Masson)
14:50-15:10 Variation of atmospheric activity concentration of radiocesium and its possible atmosphere-biosphere cycling, by Prof. Kazuyuki Kita, Ibaraki Univ.

(break)

15:30-15:50 Atmospheric transfers modeling activities: goals and results based on the Fukushima case, by Dr. Damien Didier, IRSN
15:50-16:10 Model studies in SAKURA project, by Dr. Tsuyoshi Thomas Sekiyama, MRI

16:10-16:30 Model inter-comparison study on atmospheric ^{137}Cs from the Fukushima Daiichi Nuclear Power Plant accident, by Dr. Yu Morino, NIES

16:30-16:50 Radiocesium concentration of fishes and aquatic insects inhabiting the small mountain streams of evacuation instruction areas in Fukushima Pref., by Prof. Ryoji Nakazato, Ibaraki Univ

16:50-17:10 Current status and future direction of atmospheric environmental research on the 1F accident, by Dr. Toshimasa Ohara, NIES Fukushima office

(17:10-17:40) Poster Presentation 2

=Poster Presentations=

P1. Prediction of ambient dose equivalent rates in the early phase of the Fukushima accident, Mr. Fumiya Honda, Ibaraki Univ.

P2. Development of a scintillator-based Compton camera for gamma-ray imaging under high dose-rate environments, Mr. Wataru Sato, Ibaraki Univ.

P3. Development of a high-sensitive all-sky gamma-ray Compton camera consisting of four scintillation counters, Mr. Ryo Wakamatsu, Ibaraki Univ.

P4. Geographic Survey and Environmental Assessment of Radioactive Contamination in North Area of Ibaraki Prefecture, by Prof. Terumi INAGAKI, Ibaraki Univ.

P5. Possible circulation of radiocesium between the atmosphere and vegetation, by Mr. Takuya Nishioka, Ibaraki Univ.

P6. Radioactive Cs-rich particles emitted to the atmosphere by Fukushima Daiichi Nuclear Power Plant accident, by Dr. Kouji Adachi, MRI.

P7. Comparison of Radio Cesium contamination and nutrients change in leaf composting. by Mr.Mohammad Ismail Moqbal, Ibaraki Univ.

P8. Remediation of bamboo forest and utilization of radioactive cesium contaminated bamboo chip as a composting material following the FDNPP accident, by Mr.Jasintha Jayasanka, Ibaraki Univ.

P9. Radio cesium contamination changes in bamboo forest after FDNPP accident, by Mr.Keito Namatame, Ibaraki Univ.