

International Symposium on the Environment after Fukushima and Chernobyl Accidents

Comparative analyses of environmental radioactivity issues
and post-accidental management of the areas at
ChNPP and Fukushima Daiichi NPP



May 14-15, 2018

9:30-17:30(14th) / 9:30-12:30(15th)

Venue 6F Conference Hall

Institute of Environmental Radioactivity
Fukushima University, Japan

1 Kanayagawa, Fukushima City, Fukushima Prefecture 960-1296

Language English

Presentations and discussions in the symposium will be technical
in nature, but anybody interested in the theme is welcome.

行政・研究関係者を対象とした意見交換を行うことも想定しており、
環境放射能関連の専門用語はそのまま使用されます。



Application site

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SATREPS

Science and Technology Research Partnership
for Sustainable Development Program



Program

14 May 2018

Opening Session

9:30–9:35	Welcome from Fukushima University and SATREPS team	Hirofumi Tsukada / Kenji Nanba
9:35–9:45	Opening remarks from JST & JICA representatives	Toru Nakashizuka / Shigeru Maeda
9:45–10:05	Opening remarks from Ukraine	Ostap Semerak (Minister, Ministry of Environment and Natural Resources of Ukraine) / Igor Kharchenko / Vitaliy Petruk (Head, SAUEZM)

Session (I) Management of the contaminated territories at the Chernobyl NPP and Fukushima Daiichi NPP

10:05–10:25	State policy in the environmental management of the contaminated territories at the Chernobyl Exclusion Zone guided by the MENR	Ostap Semerak / Svitlana Grynychuk
10:25–10:45	Strategies for managing of the Chernobyl Exclusion and their impact on the population – 33 years experience and actual tasks	Vitaliy Petruk
10:45–11:05	Required technologies after interim storage	Kazuo Yamada (National Institute for Environmental Studies)
11:05–11:25	Environmental management of the territories contaminated after the Fukushima- Daiichi Accident	Seiji Ozawa (Ministry of the Environment of Japan Fukushima Environmental Restoration Office)
11:35–11:55	Slavutych – the city working at Chernobyl Nuclear Power Plant: challenges of the social & economical development	Ihor Fomichev (Mayor of Slavutych City)
11:55–12:20	Dose assessment on the basis of monitoring and modeling as the background of the management of Chernobyl Exclusion Zone and	Volodymyr Berkovkyy (Director, Radiation Protection Institute)

Lunch Break

*Please bring your lunch or use the university co-op cafeteria.

Session (II) Recent and current Ukrainian researches of radionuclide dynamics in Chernobyl Exclusion Zone

13:20–13:40	Longterm and recent trends in concentrations of ¹³⁷ Cs, ⁹⁰ Sr and transuranium elements in the environmental compartment of Chernobyl Exclusion Zone	Sergei Kireev & Sergei Obrizan (Ecocentre of SAUEZM)
13:40–14:00	Radionuclide fate in Chernobyl Cooling Pond (CCP) and rivers of the Exclusion Zone- 33 years dynamics and recent changes due to CCP drawdown	Volodymyr Kanivets, Sergii Kireev & Sergii Obrizan (UHMI SSES and NASU, Ecocentre)
14:00–14:20	Aquatic biota within the Chernobyl Exclusion Zone: current levels of radioactive contamination, dose rates and effects.	Dmitri Gudkov (IHB NASU)
14:20–14:40	Atmospheric contamination of the Chernobyl Exclusion Zone: monitoring data and modeling results	Mykola Talerko (ISPNNP NASU)

Session (III) Contemporary technologies of environmental radioactivity researches in Fukushima and Chernobyl areas

14:55–15:25	Implementation of the contemporary methods of assessments of chemical forms of occurrence of radionuclides in soils, water and bottom sediments	Part 1: Hirofumi Tsukada, Jyunko Takahashi Part 2: Aya Sakaguchi, Ismail Rahman, Shinya Yamasaki, Shinichiro Uematsu
15:25–15:55	Monitoring and laboratory studies of radionuclides in watersheds and water bodies	Part 1: Kenji Nanba, Alexei Konoplev Part 2: Yuichi Onda, Yoshifumi Wakiyama
15:55–16:15	Radioactive aerosols in Fukushima prefecture	Shigekazu Hirao, Atsuyuki Sorimachi
16:15–16:35	Radioactive contamination of hydrobios in water bodies of Fukushima and Chernobyl areas	Toshihiro Wada
16:35–16:55	Modeling studies of radionuclide dynamics in Fukushima and Chernobyl waters systems	Mark Zheleznyak & Yasunori Igarashi
16:55–17:25	Radionuclide dynamics in forest ecosystems	Vasyl Yoschenko
17:25–17:30	Closing remarks	Kenji Nanba

15 May 2018

Session (IV) Lectures: - Overview on new implemented technologies of radionuclide measurements and new scientific results obtained at Fukushima

9:30–10:15	New technology of Sr-90	Yoshitaka Takagai
10:15–11:00	Overview of 7 years dynamics of radionuclides in the forests and watersheds at Fukushima	Hiroaki Kato
11:15–12:00	Radioecology of wild life at Fukushima	Thomas Hinton
12:00–12:25	Panel discussion about the Symposium's Presentations and Lectures	
12:25–12:30	Closing remarks	Kenji Nanba