

# Further understanding of radiocaesium dynamics between land-sea area; comparison between Mediterranean and Fukushima

**Date and time:** 1300-1730 JST, 29<sup>th</sup> October 2018, Monday

**Venue:** Meeting room at 6<sup>th</sup> floor, Institute of Environmental Radioactivity, Fukushima Univ., Fukushima, Japan

Conveners of the joint seminar: Yutaka TATEDA, CRIEPI and Michio AOYAMA, IER

## Invited Presentations 40 min. each

■ **Similarities and differences of <sup>137</sup>Cs distributions in the marine environments of the Baltic and Black seas and off the Fukushima Dai-ichi nuclear power plant in model assessments** by Dr. Roman Bezhenar, IMMSP, Ukraine

■ **Behavior and fate of Radioactive inputs from the Rhone into the Mediterranean Sea: Case of the Chernobyl accident and the controlled releases of nuclear installations** by Dr. Sabine Charmasson, IRSN, France

■ **Highly radioactive cesium-bearing particles in coastal marine environment of Fukushima** by Jota KANDA, Yukari ITO, Mayumi OTSUKI, Atsushi KUBO, Takashi ISHIMARU, Hikaru MIURA, and Daisuke TSUMUNE, TMSU and CRIEPI, Japan

■ **Dynamics of radiocaesium around seafloor off the coast of Fukushima Prefecture** by Miho Fukuda, Tatsuo Aono, Shinnosuke Yamazaki, Jian Zheng (QST-NIRS), Toru Hiratake(Tokai Univ), Jota Kanda, Takashi Ishimaru (TUMST), Japan

## Presentations 20 min. each

We will have four oral presentations, too.

■ **Dynamics of Fukushima-derived radiocesium on the water and material transport in river - estuary - open ocean system** by Shota Kambayashi (QST-NIRS, Univ. Toyama), Jing Zhang (Univ. Toyama), Hisashi Narita(Tokai Univ)

■ **Modelling of Cs-137 transport in the nearshore zone of Fukushima –Daiichi NPP under the combined action of waves, currents and fluxes of sediments** by Mark Zheleznyak(IER), Sergii Kivva (IMMS), Oleksander Pylypenko (IMMS), Maksym Sorokin(IMMS) Michio Aoyama (IER), Daisuke Tsumune(CRIEPI)

*Please make registration through IER web page to participate.*

IER office: +81-24-504-2114 ier@adb.fukushima-u.ac.jp <http://www.ier.fukushima-u.ac.jp/>  
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