

Department of Nuclear Chemistry, CTU in Prague

SPECIAL SEMINAR



in cooperation with the working group
Nuclear Chemistry of the CCHS



10.5.2018 at 13:00

Břehová 7, Praha 1, room No. B314



Steven M. Pike

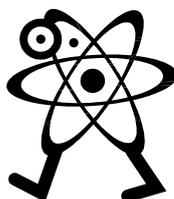
Research Specialist
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Fukushima Dai-ichi - a view from the ocean

Abstract:

Radioactive cesium from the Fukushima Daiichi nuclear power plant (FDNPP) has been flowing into the ocean since an earthquake and tsunami caused a meltdown of its three reactors in 2011. Scientists are tracking the many pathways by which radioisotopes from the damaged nuclear reactors make their way into and out of seawater, marine life, and seafloor sediments. These depend on the behavior and metabolism of individual animal, the nature of complex coastal and open-ocean processes, and the physical and chemical properties of individual isotopes. Presented will be an overview of initial and continued releases of FDNPP derived radio-cesium, impacts on the marine biota and efforts toward public education on radioactivity in the oceans.

prof. Ing. Jan John, CSc.
vedoucí KJCH



Ing. Kateřina Čubová, Ph.D.
vedoucí semináře