

## NKS-B ANTHROPIC project Kick-off Workshop

**Date:** March 27-28, 2023

**Location:** Room RS13, Building RI116, DTU Risø Campus, Roskilde, Denmark

### Workshop Program:

- **March 27, 2023 - Lecture day**

Time	Content description
12:00-13:00	<b>Registration and Lunch (in-person only)</b>
13:00-13:10	<b>Opening Session</b>
13:10-14:30	<b>Lecture Session 1: Marine Radioactivity Monitoring in the Nordic Seas</b>
13:10	Environmental Radioactivity in NE Atlantic Waters through Six Decades ( <i>Dr. Sven Nielsen, Senior scientist, Technical University of Denmark</i> )
13:50	HELCOM MORS EG - Monitoring of Radioactive Substances in the Baltic Sea ( <i>Mr. Vesa-Pekka Vartti, Senior Inspector, Radiation and Nuclear Safety Authority, Finland</i> )
14:30-14:45	<b>Coffee break</b>
14:45-16:05	<b>Lecture Session 2: Climate Change and Associated Impacts in the Nordic Seas</b>
14:45	Ocean Climate Change in the North Atlantic and Arctic Regions, and its Implications for the Environment ( <i>Dr. Yanchun He, Researcher, Nansen Environmental and Remote Sensing Center, Norway</i> )
15:25	Changes in Ventilation, Anthropogenic Carbon, and Ocean Acidification in the Nordic Seas ( <i>Dr. Emil Jeansson, Research Director, Norwegian Research Centre</i> )
16:05-16:20	<b>Coffee break</b>
16:20-17:00	<b>Lecture Session 3: Radioecology Assessment and Nuclear Emergency Preparedness in the Nordic Countries</b>
16:20	Radiological Risk Assessment during Normal Operation and Nuclear Emergency Preparedness in Sweden ( <i>Ms. Karin Aquilonius, Dr. Pål Andersson, Dr. Anna Maria Blixt Buhr, and Dr. Elisabeth Tengborn, Swedish Radiation Safety Authority</i> )

○ **March 28, 2023 - Discussion day**

<b>Time</b>	<b>Content description</b>
<b>09:00-10:50</b>	<b>Discussion Session: Internal Discussion on Technical Details of ANTHROPIC Project</b>
<b>10:50-11:00</b>	<b>Coffee break</b>
<b>11:00-12:20</b>	<b>Young Scientist Lecture Session</b>
11:00	Tracing Atlantic Water Exiting Fram Strait and its Transit in Arctic Ocean by the Continuous Observation of <sup>236</sup> U and CDOM during 2019 – 2021 ( <i>Mr. Gang Lin, PhD student, Technical University of Denmark</i> )
11:40	Exploration of Anthropogenic Radiotracers in Oceanic Studies of the Baltic Sea ( <i>Dr. Mu Lin, Postdoc, Technical University of Denmark</i> )
<b>12:20-12:30</b>	<b>Closing Session</b>
<b>12:30-13:30</b>	<b>Lunch</b>