

Joint Workshop on Earth and Environmental Sciences between the School of Earth and Environmental Sciences, Seoul National University and the Institute of Low Temperature Science, Hokkaido University

Date: 19 June (Friday), 2026
Venue: Auditorium at the Institute of Low Temperature Science, Hokkaido University
Organizer: School of Earth and Environmental Sciences, Seoul National University &
Institute of Low Temperature Science, Hokkaido University
Convenors: Jun Nishioka & Kay I. Ohshima (ILTS, Hokkaido University)
Rokjin J. Park, Jung-Woo Park, & Hanna Na (SEES, Seoul National University)

09:00-09:05: Opening
09:05-09:20: Jun Nishioka (ILTS, HU): Introduction to ILTS & Iron circulation from the Sea of Okhotsk to North Pacific
09:20-09:35: Jong-Seong Kug (SEES, SNU): Introduction to SEES & Emergence of New Oceanic mode: North Atlantic Salinity mode
09:35-09:50: Shoshiro Minobe (HU): A Physics-Based Diagnostics Framework for Global Temperature Surges: Integrating Earth's Energy Imbalance and El Nino Heat Redistribution
09:50-10:05: Sung Hyun Nam (SEES, SNU): Recent Findings from Low-, Mid-, and High-Latitude Marine Observations
10:05-10:20: Yoshi N. Sasaki (HU): Mechanisms of Decadal Variations in the Kuroshio Extension
10:20-10:35: Jinho Ahn (SEES, SNU): Investigation of Greenhouse Gas Formation in Ice
10:35-10:50: Kay I. Ohshima (ILTS, HU): Recent progress in Southern Ocean investigation: AABW and ice-shelf ocean interaction
10:50-11:00: Group Photo and Closing

HU: Hokkaido University

ILTS: Institute of Low Temperature Science

SNU: Seoul National University

SEES: School of Earth and Environmental Sciences