

W3 Workshop agenda
Workshop 3 PICES 2025 Annual Meeting
November 9, 2025, 09:00 – 17:50
Yokohama, Japan

W3: HD/MEQ/FUTURE Workshop
Present and Future Pressures and Human Activities in the Arctic Ocean and Pacific Gateways

Conveners: Sei-Ichi Saitoh (Japan), Sarah Wise (USA), Jennifer M. Jackson (Canada), Nadja Stefanie Steiner (Canada), Hyoung Chul Shin (Korea), Thomas Therriault (Canada)

Morning Session: 09:00-12:25

09:00 Introduction by conveners

09:15 Martine van den Heuvel-Greve (Invited)

The Central Arctic Ocean ecosystem: Current pressures, vulnerabilities, and knowledge gaps

09:55 Natsuhiko Otsuka and Sei-Ichi Saitoh (Invited)

Northern Sea Route and its pressure in the Pacific Arctic

10:35 *Coffee/Tea Break*

10:55 Yury I. Zuenko

Utilization of nutrients transported from the Bering Sea to the Chukchi Sea

11:10 Yuanxin Zhang, Eiji Watanabe, Hakase Hayashida, Tessa Sou, Nadja Steiner

Multi-model assessment of future ice-algal production in the Chukchi Sea

11:25 Irene D. Alabia, Jorge García Molinos, Takafumi Hirata, Daiju Narita, and Toru Hirawake

Future distribution shifts of fisheries resources in subarctic and Arctic seas

11:40 Takafumi Hirata, Irene Alabia, Jorge García Molinos, Hiromichi Ueno and Eiji Watanabe

Response of the Arctic marine ecosystems to multiple stressors

11:55 Lis L. Jørgensen and Cathy Coon

Ecosystem based management in a fast-changing Arctic

12:10 Lunch

Afternoon Session: 13:55 – 17:50

13:55 Marina Lomaeva

Japanese and Russian actors in the North Pacific fisheries regulation after 2022: Interplay with the Arctic

14:10 Shigeto Nishino

Towards the second expedition of the Synoptic Arctic Survey (SAS)

14:25 Discussion (1): Inter-weaving traditional knowledge and academic science and on holistic views linked to science

15:30 Coffee/Tea Break

15:50 Discussion (1) continue and Discussion (2): Gaps and international collaboration

17:20 Summary and Next Steps

17:50 W3 Ends