

The 39th International Symposium on the Okhotsk Sea & Polar Oceans 2025

We invite you to participate in the 39th International Symposium on the Okhotsk Sea & Polar Oceans (Mombetsu-2025 Symposium) held in Mombetsu, Hokkaido, Japan, on 16-19 February 2025.

The subjects are on sea ice, Arctic sea routes, global warming and other Northern region subjects.

We are pleased to invite you to participate in the Mombetsu Symposium.

OUTLINE

Symposium schedule: Sunday, 16 February – Wednesday, 19 February 2025

The presentation style will be face-to-face meeting, real-time oral presentation.

- ◆ **16 (Sun) ---- Opening Ceremony:** at Citizens' Hall
Special Lectures 「Polar adventure」 Polar explorer, Yasu Ogita
- ◆ **17 (Mon) - 19 (Wed) ---- Scientific Session:** at Mombetsu Cultural Center, etc.
- ◆ **17 (Mon) - 19 (Wed) ---- Public Program:** at Mombetsu Cultural Center, etc.
- ◆ **19 (Wed) ---- Children Symposium:** at Citizens' Hall

Organized and sponsored

- ◆ City of Mombetsu
- ◆ Arctic Research Center, Hokkaido University (ARC)
- ◆ National Institute of Polar Research (NIPR)
- ◆ Kitami Institute of Technology (KIT)
- ◆ Institute of Low Temperature Science, Hokkaido University (ILTS)
- ◆ Tokai University, Hokkaido Campus
- ◆ Tokyo University of Marine Science and Technology
- ◆ Tokyo University of Agriculture -Okhotsk Campus
- ◆ Graduate School of Fisheries Sciences, Hokkaido University
- ◆ Field Science Center for Northern Biosphere, Hokkaido University
- ◆ Atmosphere and Ocean Research Institute, The University of Tokyo (AORI)
- and more (The institutions listed are planned.)



Sea ice at Mombetsu by Takao Nakajin

Contact address: moms@okhotsk-mombetsu.jp

Method: Scientific sessions will be a face-to-face meeting.

Registration URL: <https://forms.gle/p7gXABRqn4Ar8WEo8>

TOPICS

- 1) Environment of Okhotsk Sea and Polar Oceans
- 2) Meteorology and Oceanography in Polar Regions
- 3) Marine Biology and Fisheries in the Ice-Covered Waters
- 4) Cold Region Engineering
- 5) Arctic Sea Routes
- 6) Global Warming and Environmental Change
- 7) Remote Sensing
- 8) Snow, Ice and Human Life
- 9) Workshop, Emerging Changes in the Coupled Polar Climate Systems
- 10) Workshop, The Changing Ice-Covered Ocean and New Utilization
- 11) Workshop, The Okhotsk Sea: Unique Weather and Climate Generated by the Earth's Cool Spot
- 12) *Workshop, Interactions between the Antarctic Ice Sheet and the Global Climate System
- 13) *Workshop, Arctic Research Activities and Future Plan by Asian and Arctic Institutions
- 14) Workshop, Review of the Arctic Governance by East-Asian Perspective
- 15) Workshop, The Dynamics and Roles of Plankton in Boreal Waters
- 16) Workshop, Environmental and Social Change and Marine Mammals
- 17) Workshop, Current Status and Future Prospects of Fisheries Industry in Hokkaido, Japan
- 18) Workshop, Doing Things the Right Way: What Role for Japan to Implement the Rights of Indigenous Peoples in the Arctic and Beyond?
- 19) Other Topics

**Presentations are only available to group members.*

• Special workshops or meetings are available.



Satellite image of Sea of Okhotsk

CALL FOR PAPERS

Short Summary for classification to make up the program

Authors should submit a short summary of 100 - 200 words by **9 December 2024**.

Final Manuscript for the Proceedings (Max 4 pages, Camera-ready)

Manuscript should be sent to moms@okhotsk-mombetsu.jp by **14 January 2025**.

The instructions are on the Symposium website.

DEAD LINES

Participant Registration:

You can choose two types of participation: **1) Give a presentation, 2) Participation only**

1) Presentation--- 9 December 2024

You should make short summary (up to 200 words in English)

2) Participation only (no presentation) --- 31 January 2025

Final Manuscript: (up to 4 pages) --- **14 January 2025**

Workshop proposal: **8 November 2024** --- If you want to make a workshop, submit its title and contents us.

Registration URL: <https://forms.gle/p7gXABRqn4Ar8WEo8>

OFFICIAL LANGUAGE of the Symposium will be **English**.

Japanese is available for workshops and citizen programs. No simultaneous translation services.

AOTA MASAOKI AWARD

The award was established in 2014 to honor the memory of the late Professor Masaaki Aota by presenting an award to the best presentation(s) by young scientist(s). Candidates must fulfill the following requirements:

- 1) The presenter is under 40 years of age.
- 2) The abstract must be published in the Proceedings of the International Symposium on the Okhotsk Sea & Polar Oceans.
- 3) Candidates have to attend the prize-awarding ceremony.

PROCEEDINGS

All participants can browse the summary of the presentations online (free) on PW during the conference.

PARTICIPATION FEE

General: 5,000-JPY. Students: 1,000-JPY.

Printed Proceedings: 5,000-JPY.

(The proceedings will be open on the website during the symposium period)

OSPOR

Article papers are refereed by two reviewers, printed in the proceedings, and opened in the symposium website as Okhotsk Sea and Polar Oceans Research (OSPOR).

We are sorry, reception for OSPOR volume 9, has been terminated.

The deadline of volume 10 will be the end of September in 2025.



OSPOR

OTHER SYMPOSIUM ACTIVITIES at Mombetsu Cultural Center, etc.

Public Program:

- Forum, considering the Global Environment and Nature
- Our Home Okhotsk Sea
- Consideration of Winter Weather Disasters in the Okhotsk Region
- Symposium on the Forest-Ocean Linkage
- Symposium on Sea Ice for Children, Wonder of Sea ice
- The Okhotsk Terroir Symposium

Dinner party:

- 1. Memorial Reception (Banquet) : Sunday 16 February** at Mombetsu Citizens' Hall 5,000-JPY
- 2. Dinner Party with Volunteer Groups: Tuesday 18 February** at Hotel Okhotsk Palace 4,000-JPY

TRANSPORTATION TO MOMBETSU

- From Tokyo (Haneda) (1h 50m): 1 flight/day
- From Tokyo (Haneda) to Mombetsu (1h 50 m: 5 flights/day) and 2 hours by rental car
- From Sapporo (4h 40m): 3 buses/day

Executive Committee of Symposium:

Chairman: Natsuhiko Otsuka, Secretariat: Eriko Uematsu

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