

The 38th International Symposium on the Okhotsk Sea & Polar Oceans 2024

We invite you to participate in the 38th International Symposium on the Okhotsk Sea & Polar Oceans (Mombetsu-2024 Symposium) held in Mombetsu, Hokkaido, Japan, on 18-21 February 2024. The subjects are on sea ice, Arctic Sea Routes, global warming and other Northern region subjects. Due to concerns about the impact of the new coronavirus, the academic sessions will be a hybrid type that mixes online and face-to-face. Please feel free to join us.

OUTLINE

Symposium schedule: February 18 (Sun) - 21 (Wed) in 2024

The presentation style will be either real-time oral presentation or Zoom by uploading files to an online conference system.

The overseas presentation format will be just zoom, and for scientists who living in Japan will be a face-to-face meeting.

- ◆ 18 (Sun) -- Opening Ceremony, Special Talk
- ◆ 19 (Mon) - 21 (Wed) -- Scientific Session: **Hybrid of online and face-to-face**
- ◆ 19 (Mon) - 21 (Wed) -- Public Program: **Face-to-face** at Mombetsu Cultural Center, etc.
- ◆ 21 (Wed) -- Children Symposium: at Citizens' Hall
- ◆ 22 (Thu) - 23 (Fri) -- Field study: at hot spring holiday near Mombetsu



Sea ice at Mombetsu by Takao Nakajin

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.)

Contact address: momsys@okhotsk-mombetsu.jp

Method: Online presentation by Zoom for overseas participant.

For scientists living in Japan, 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-Covred Waters
- 4) Polar Engineering and Ice Engineering
- 5) Arctic Sea Routes
- 6) Global Warming and Environmental Changes
- 7) Remote Sensing
- 8) Snow, Ice and Human Life
- 9) Humanities and Social Sciences
- 10) Workshop, Sea ice and waves: from the MIZ to the fast ice
- 11) Workshop, Recent advances in the Antarctic and Arctic climate research
- 12) Workshop, Sustainable Arctic Sea Routes in a rapidly changing environment
- 13) Workshop, Feasibility and perspective of the Arctic shipping, today and future (organized by HAI-FES project)
- 14) Workshop, Sea ice variations and their impacts on the biogeochemical cycles
- 15) Workshop, Appearances of plankton in cold waters and their ecology
- 16) Workshop, Recent research towards sustainable management of Pacific salmon in the coastal area of the Sea of Okhotsk

- Special workshops or meetings are available.

CALL FOR PAPERS

Short Summary for classification to make up the program

Authors should submit a short summary of 100 - 200 words by 08 December 2023.

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

Manuscript should be sent to momsys@okhotsk-mombetsu.jp by 15 January 2024.

The instructions are on the Symposium website.



Satellite image of Sea of Okhotsk



Sightseeing Icebreaker Garinko III

DEAD LINES

Participant Registration:

You can choose two types of participation: **1) Give a presentation, 2) Join the Sessions**

1) Presentation 08 December 2023

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

2) Participate only (no presentation) 31 January 2024

Final Manuscript: (up to 4 pages) **15 January 2024**

Workshop proposal: **17 November 2023** --- 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 MASAACKI 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 If you participate from overseas, you cannot purchase the proceedings.

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

PARTICIPATION FEE

General: 5,000-JPY. Students: 1,000-JPY. Online overseas researchers: **free**.

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), Volume 7. Even if the Symposium is not held, OSPOR will be issued as usual, but the reception for OSPOR, Volume 8, has been terminated.

The deadline of Volume 8 will be the end of September in 2024.



OTHER SYMPOSIUM ACTIVITIES (in February, 2024, Mombetsu Cultural Center, etc.)

Publick Program:

- Forum of oil Pollution Measures and Environmental Protection
- Symposium on the Forest-Ocean Linkage
- Our Home Okhotsk Sea
- How Do We Act at Heavy Snowstorm in Okhotsk Area?
- Symposium on Sea Ice for Children: Wonder of Sea ice
- The Okhotsk Terroir Symposium
- Sea Ice Textile Exhibition

Dinner Party:

- **Memorial Reception: Sunday 18 February** at Mombetsu Citizens' Hall 4,000-JPY
- **Dinner Party with Volunteer Groups: Tuesday 20 February** at Mombetsu Central Hotel 4,000-JPY

Field Study: Thursday 22 - Friday 23 February at hot spring holiday near Mombetsu 15,000-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): 4 buses/day

Executive Committee of Symposium:

Chairman: Shuhei Takahashi, Secretariat: Eriko Uematsu
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