



**Call for abstracts:**  
**Joint Seminar on Mombetsu Sea Ice Symposium 2021**  
 - focusing on the Okhotsk Sea and Polar Oceans

■ **Invitation to the Seminar**

The Mombetsu Symposium 2021 (The International Symposium on the Okhotsk Sea & Polar Oceans 2021 at Mombetsu) was cancelled in the situation of the rapidly increasing new-coronavirus (COVID-19) infection in the world. However, instead of the Symposium, **the Joint Seminar on Mombetsu Sea Ice Symposium 2021** will be held on **March 8** in 2021 with **Zoom-online** method by Hokkaido University Arctic Research Center, with co-sponsors of Executive Committee of International Symposium on the Okhotsk Sea & Polar Oceans and J-ARC Net (Japan Arctic Research Network Center).

Please participate in this seminar and discuss anything about sea ice, Okhotsk Sea and Polar Oceans.

■ **Outline of the Seminar**

**Date and Time:** 8:30-18:20 on **March 8<sup>th</sup>**, 2021,

**First Deadline:** **February 15<sup>th</sup>**, 2021

**Host Organizer:** Hokkaido University Arctic Research Center

**Co-organizers:** J-ARC Net (Japan Arctic Research Network Center),  
 Executive Committee of International Symposium on the Okhotsk Sea & Polar Oceans

**Contact address:** momsys@okhotsk-mombetsu.jp or j-arcnet@arc.hokudai.ac.jp.

**Method:** Online presentation by ZOOM. ZOOM URL will be sent you later.

**Language:** Presentation and discussion should be in Japanese or English.

Presentation in Japanese is encouraged to use English for titles, figures and tables.

**Registration URL:** <https://forms.gle/AoiNpaeGL2dSTrsU7>

■ **Participant Registration**

**Registration:** Please send mail address, your name, Organization, and so on.

You can choose two types of participation: 1) **give a presentation**, 2) **join the seminar**

■ **For a speaker**

**Abstract:** You should make abstract (up to 300 letters in Japanese or 200 words in English) with Title, presenter name, organization, co-authors' names, keywords (up to five words).

**Sessions:** You should choose a session from the 4 sessions in a list below.

**Power Point:** When you present in Japanese, please write English jointly in slide-titles, graph titles and table titles as much as possible.

■ **Secretariat:**

Natsuhiko Otsuka (Hokkaido University), Masato Tanaka (Hokkaido University),  
 Koh Izumiyama (Hokkaido University), Kazutaka Tateyama (Kitami Institute of Technology)  
 Eriko UEMATSU (Executive Committee of the International Symposium on the Okhotsk Sea & Polar Oceans)

■ **Tentative Program and Sessions**

Sessions	Topics
(8:30-8:40) Opening	Opening remarks, Seminar information, etc.
(8:40-10:20) Atmosphere, oceanography, sea ice in the Okhotsk Sea and Polar Oceans (I)	(1) Environment of Okhotsk Sea (2) Meteorology and oceanography in Polar Regions
(10:30-12:10) Atmosphere, oceanography, sea ice in the Okhotsk Sea and Polar Oceans (II)	(3) Ecosystems and fisheries in icy waters (4) Cold region engineering
(13:20-15:00) Ecosystems and fisheries in icy waters	(5) Arctic sea routes
(15:10-16:50) Cold Region engineering	(6) Global warming and environment change
(17:00-18:30) Interdisciplinary session: Integration of Natural Science, Engineering, Humanity & Social Science Research	(7) Remote sensing (8) Snow, ice and human life (9) Other topics about Okhotsk Sea and Polar Oceans

Official "Call for abstract" is in the following URL of J-ARC Net:

<https://j-arcnet.arc.hokudai.ac.jp/wp-content/uploads/2021/02/Mombetsu-Sea-Ice-Symposium2021.pdf>