

# ISAR-7



Seventh International Symposium on Arctic Research

# CALL FOR ABSTRACTS

# NOW OPEN !!

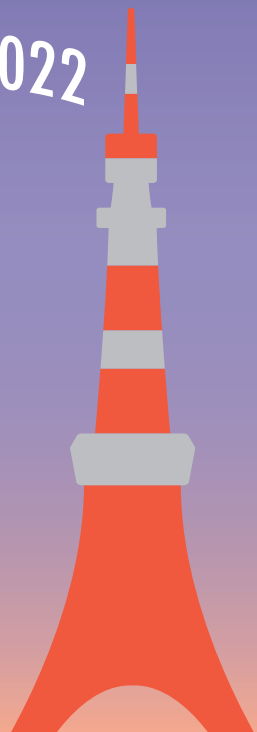
*2nd Circular, August 2022*

## Submission Deadline: October 31, 2022

Hybrid (in-person & online) : March 6-10, 2023

On-site: National Institute of Polar Research (Tachikawa, Japan)

URL: [www.jcar.org/isar-7/](http://www.jcar.org/isar-7/)





# Second Circular

## Call for Abstracts/Registration

### Transdisciplinary studies on a rapidly changing Arctic toward a sustainable society

We, as the Symposium Organizing Committee (SOC) of the Seventh International Symposium on Arctic Research (ISAR-7), have decided to hold the Symposium in a hybrid format (partially in-person and partially online) from March 6 to 10, 2023 at the National Institute of Polar Research (NIPR), Tachikawa, Japan. Unfortunately, the current rule of the Japanese government for accepting foreigners entering Japan is rather complicated (See explanation of ERFS and VISA at [https://www.mofa.go.jp/ca/fna/page22e\\_000921.html](https://www.mofa.go.jp/ca/fna/page22e_000921.html)). Should this rule still be valid at the time you have to start the VISA/ERFS process at the end of the year, ISAR-7 SOC will not be able to prepare the necessary host person and the documents for ALL the participants from abroad. Therefore, SOC would strongly recommend participants find a researcher or a friend who belongs to a Japanese university or institution that has agreed to cooperate in obtaining the VISA/ERFS. Such a person can be a host if the foreign participants are planning to join the symposium in-person. We also welcome participation in the symposium online. We will prepare online access for all oral and poster presentations.

We are preparing for an excellent Symposium, with the theme "Transdisciplinary studies on a rapidly changing Arctic toward a sustainable society." There were 24 proposals for Special Sessions, with 10 Regular Sessions. A hybrid format of ISAR-7 would allow for wider access from worldwide. We are looking forward to meeting you in-person or online in March 2023.

ISAR-7 will take place at the National Institute of Polar Research in Tachikawa, Japan (<https://www.jcar.org/isar-7/venue/>) from March 6 to 10, 2023.

Symposium schedule (As of August 3, 2022)

March 6 (Mon) Registration Open, Breakout Session (afternoon)

March 7 (Tue) Opening, Keynote address, Plenary Session, Breakout Session

March 8 (Wed) Keynote address, Plenary Session, Breakout Session, Poster presentation

March 9 (Thu) Keynote address, Plenary Session, Breakout Session, Poster presentation

March 10 (Fri) Keynote address, Plenary Session, Closing

# Call for Abstracts

**Submission deadline: October 31, 2022**

The Call for Abstracts for oral and poster presentations is now open. The symposium will address “Transdisciplinary studies on a rapidly changing Arctic toward a sustainable society.”

Symposium organizers invite you to submit abstracts to one of the Sessions listed below.

The Regular Sessions are single-disciplinary sessions, and the Special Sessions are inter-/multi-disciplinary sessions.

- Abstracts should be submitted via the symposium website. The abstract submission fee is JPY 5,000. Please note that the abstract submission fee is not refundable under any circumstances.

- Please use the abstract template downloaded from the website.

<https://www.jcar.org/isar-7/abstract/>

- Your abstract will be uploaded to the ISAR-7 website, and the title and authors will be published in the program.

- If it is difficult to find an appropriate session for your abstract, choose a regular session, closest to your subject.

- The Symposium Organizing Committee (SOC) encourages poster presentations. The best early career scientist (see below) poster will be presented with the “Young Scientist Best Poster Award.”

- Deadline: Abstracts will no longer be accepted after October 31, 2022.

- Abstract submission is not a registration, and all participants requires Symposium Registration, besides abstract submission.

\* Early Career Scientists up to five years after the completion of Ph.D. including Ph.D. students and Graduate students.

# Sessions

## Regular sessions

### **(R 1) Atmosphere**

Main conveners: Toshinobu Machida, Toru Nozawa

### **(R 2) Ocean and Sea Ice**

Main convener: Amane Fujiwara; Co-convener: TBD

### **(R 3) Rivers, Lakes, Permafrost and Snow Cover**

Main convener: Tetsuo Sueyoshi; Co-conveners: Daqing Yang, Kazuyuki Saito, Masahiro Hori

### **(R 4) Ice Sheets, Glaciers and Ice Cores**

Main convener: Masashi Niwano; Co-conveners: Masahiro Minowa, Tomotaka Saruya

### **(R 5) Terrestrial Ecosystems**

Main convener: Tomoaki Morishita; Co-convener: TBD

### **(R 6) Marine Ecosystems**

Main convener: Atsushi Yamaguchi; Co-convener: TBD

### **(R 7) Geospace**

Main convener: Yasunobu Ogawa; Co-conveners: Takuo Tsuda, Takanori Nishiyama, William Ward

### **(R 8) Laws, Politics and Economy**

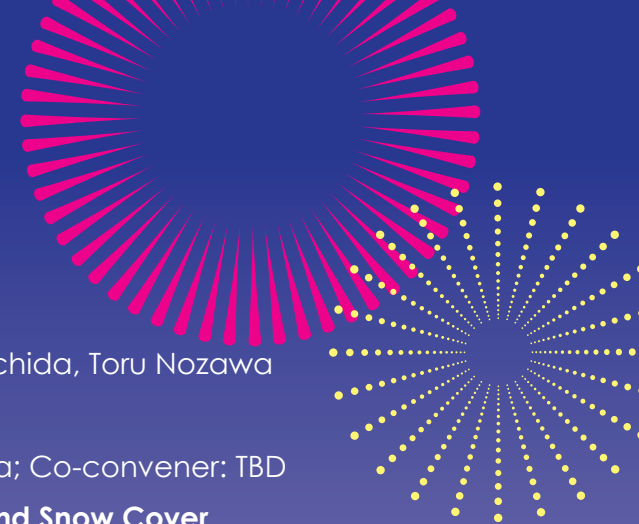
Main convener: Fujio Ohnishi; Co-conveners: Kentaro Nishimoto, Daiju Narita

### **(R 9) Culture, Language, and Environment**

Main convener: Megumi Kurebito; Co-convener: Nobuhiro Kishigami

### **(R 10) Engineering for Sustainable Development**

Main convener: Shotaro Uto ; Co-convener: Taro Mori



# Special sessions

## **(S 1) High-latitude Fires, Arctic Climate, Environment and health (HiFACE)**

Main convener: Adriana Ford; Co-conveners: Stephen Arnold, Marianne Tronstad Lund, James Ford, Michael Karcher, Vito Vitale

## **(S 2) Extratropical teleconnections and predictability of weather and climate related with the Arctic environmental changes**

Main convener: Meiji Honda; Co-conveners: Bunmei Taguchi, Masakazu Yoshimori, Tomonori Sato

## **(S 3) Atmospheric composition and Arctic environment/climate: New assessment reports and original studies**

Main convener: Yugo Kanaya; Co-conveners: Kohei Ikeda, Niko Karvosenoja, Ville-Veikko Paunu, Zbigniew Klimont

## **(S 4) Synoptic Arctic Survey – international collaboration for Arctic Ocean transdisciplinary studies**

Main convener: Shigeto Nishino; Co-conveners: Carin Ashjian, Kumiko Azetsu-Scott, Kyoung-Ho Cho, Jacqueline Grebmeier, Jianfeng He, Motoyo Itoh, Sung-Ho Kang, Are Olsen, Øyvind Paasche, William Williams, Michiyo Yamamoto-Kawai

## **(S 5) Physical Processes and their Effects on the Arctic Climate and Ecosystems**

Main convener: Kent Moore; Co-conveners: Bob Pickart, Peigen Lin, Erica Rosenblum

## **(S 6) The changing chemistry of the Arctic Ocean**

Main convener: Melissa Chierici; Co-conveners: Agneta Fransson, Naomi Harada, Kumiko Azetsu-Scott

## **(S 7) Arctic hydrology in the context of warming climate**

Main convener: Hotaek Park; Co-conveners: Tetsuya Hiyama, David Gustafsson, Liudmila Lebedeva

## **(S 8) Biogeochemical and hydrological responses to climate and environmental changes in the Arctic**

Main convener: Hideki Kobayashi; Co-convener: Yongwon Kim

## **(S 9) Sustainable, responsible, and resilient Arctic tourism: lip service or concrete actions**

Main convener: Juha Saunavaara; Co-convener: Monika Lüthje

## **(S 10) Changing Arctic strategic and geopolitical landscapes: the impact of the war in Ukraine**

Main convener: Fujio Ohnishi; Co-conveners: Paal Sigurd Hilde, Magnus Petersson

## **(S11) After the Ukraine: The Arctic, International Law, and International Scientific Cooperation**

Main convener: Akiho Shibata; Co-conveners: Timo Koivurova, Zia Madani

## **(S12) International Governance of the Central Arctic Ocean: Science, Indigenous Knowledge, and the Rule of Law**

Main convener: Kentaro Nishimoto

## **(S13) Building a region: Arctic identities and identity politics**

Main convener: Kristín Ingvarsdóttir; Co-convener: Aileen Aseron Espiritu

## **(S14) Young People, Sustainable Wellbeing and Placemaking in the Arctic**

Main convener: Reetta Toivanen; Co-convener: Florian Stammer

## **(S15) Redefining the well-being of Arctic communities in the context of global environmental and societal change**

Main convener: Naotaka Hayashi

## **(S16) Making of Arctic exhibition and material study: the potential of collaboration study with local people**

Main convener: Yuka Oishi; Co-conveners: Hiroki Takakura, Florian Stammer

### **(S17) Arctic Shipping: Economic Feasibility and Challenges**

Main convener: Ryuichi Shibasaki; Co-conveners: Natsuhiko Otsuka, Trang Tran

### **(S18) Arctic Sea Route and Coastal Protection: environmental, engineering, and economic assessment**

Main convener: Akihisa Konno; Co-conveners: Takuji Waseda, Tsubasa Kodaira

### **(S19) Polar research under a pandemic: Let's talk science!**

Main convener: Hironori Yabuki; Co-conveners: Hajime Yamaguchi, Hiroyasu Hasumi, Fujio Ohnishi, Kentaro Watanabe

### **(S20) Toward sustainable Arctic -developing a network of Arctic researchers and other Arctic stakeholders-**

Main convener: Natsuhiko Otsuka; Co-conveners: Hajo Eicken, Juha Saunavaara, Yuji Kodama

### **(S21) Funding International Arctic Science**

Main convener: Volker Rachold; Co-conveners: Egill Thor Nielsson, Tetsuo Sueyoshi

### **(S22) Indigenous Co-Production of Arctic Knowledge: Toward a More Inclusive Arctic Scientific Research**

Main convener: Lindsay Arthur; Co-convener: Romain Chuffart

### **(S23) Multidisciplinary observing systems in Arctic, potential and challenges**

Main convener: Heikki Lihavainen; Co-conveners: Kim Holmén, Christiane Hübner

### **(S24) Sustained observations of Arctic change: From observing and data science to network coordination**

Main convener: Maribeth Murray; Co-conveners: Hiroyuki Enomoto, Peter Pulsifer, Hajo Eicken

## Registration

Registration will start in early October 2022 on the ISAR-7 website. If you are unable to register via online by February 6, you can register on-site with the late registration fee, during the symposium from March 6 to 10, 2023.

### **Registration Fees (As of August 3, 2022)**

| <b>Early</b> ( <i>By December 19, 2022</i> ) |                | <b>Late</b> ( <i>December 20-February 6, 2023</i> ) |                |
|--|----------------|---|----------------|
| <b>Regular</b>                               | JPY20,000      | <b>Regular</b>                                      | JPY30,000      |
| <b>ECS</b>                                   | Free of charge | <b>ECS</b>  | JPY10,000      |
| <b>Under graduate</b>                        | Free of charge | <b>Under graduate</b>                               | Free of charge |

*\*Registration fee includes: Admission to Sessions and Symposium materials*

*\* ECS: Early Career Scientists up to five years after the completion of Ph.D. including Ph.D. students and Graduate students.*

### **Payment**

Payment of the abstract submission fee and the registration fee can only be made by credit card.

### **Change / Cancellation / Refund Policy**

Regarding the changes and cancellations, a written notification should be sent to Registration Desk by e-mail ([isar7-regist@or.knt.co.jp](mailto:isar7-regist@or.knt.co.jp)) to avoid any trouble.

### **Registration cancellation fee**

Until December 19, 2022: JPY 2,000

From December 20, 2022 until February 6, 2023: 50% of charge

After February 7, 2023: 100% of charge

*\*Abstract submission fee is not refundable under any circumstances.*

# Important notice for all overseas participants

- Restrictions on entry into Japan are updated frequently. Please refer to the following website for the latest information.

Ministry of Foreign Affairs of Japan website

[https://www.mofa.go.jp/ca/fna/page4e\\_001053.html](https://www.mofa.go.jp/ca/fna/page4e_001053.html)

[https://www.mofa.go.jp/ca/fna/page22e\\_000921.html](https://www.mofa.go.jp/ca/fna/page22e_000921.html)

- As long as the current immigration restrictions continue to be valid, ERFs registration, visa applications, and other actions will be required prior to entering Japan.

- If you wish to participate in ISAR-7 on-site, you need to find your own host institutions/researchers who can assist you with the entry procedures into Japan. Please note that the ISAR-7 secretariat cannot register ERFs and issue visa support document for participants.

- ISAR-7 overseas participants must comply with all restrictions upon entry and after entry into Japan.

For example:

- Health and location checks are performed.
- The institution in charge of receiving the visitor is responsible for checking the health status of the visitor at the waiting facility and contacting medical facilities in case the visitor is symptomatic or positive.
- For foreigners, depending on the nature of their medical treatment, they may incur high medical costs, so it is recommended that they purchase insurance.

# Organizations (As of August 3, 2022)

## Organizers:

Japan Consortium for Arctic Environmental Research (JCAR)

National Institute of Polar Research (NIPR)

**Co-Organizers:** Hokkaido University, Institute for Space-Earth

Environmental Research (ISEE), Nagoya University, Japan Agency for Marine-Earth Science and Technology (JAMSTEC)

**Cooperators:** Arctic Challenge for Sustainability II (ArCS II), Japan Polar Research Association

**Supporters:** Forestry and Forest Products Research Institute (FFPRI), Japan Federation of Ocean Engineering Societies, Japan Oil, Gas and Metals National Corporation (JOGMEC), Japan Society of Atmospheric Chemistry (JpSAC), Japan Society of Civil Engineers (JSCE), Meteorological Research Institute, Meteorological Society of Japan (MSJ), National Museum of Ethnology, Japan (MINPAKU), The Ecological Society of Japan, The Japan Association for Russian and East European Studies, The Japan Association of Siberian Studies, The Japan Society of Naval Architects and Ocean Engineers (JASNAOE), The Japanese Association for Canadian Studies (JACS), The Japanese Society of Cultural Anthropology (JASCA), The Japanese Society of Snow and Ice (JSSI), The Oceanographic Society of Japan (JOS)

## Looking forward to meeting you in ISAR-7 !!



Contact: ISAR-secretariat@nipr.ac.jp