

Second Circular

Call for Abstract / Registration starts

<https://jcar.org/isar-5/>



*The changing Arctic and its regional to global impact:
From information to knowledge and action*

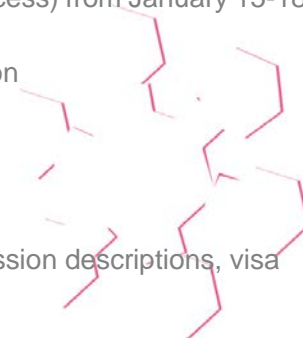


The changing Arctic and its regional to global impact: From information to knowledge and action. The Arctic is experiencing rapid environmental and amplified climatic changes, creating significant challenges for people living in this region and various impacts around the globe. We have been trying to elucidate the reasons for these changes in the Arctic and their phenomena, but many open questions still remain on the roles of solar activity, ozone depletion, clouds, methane, aerosols, land processes and other factors involved in Arctic change. Arctic change has impacts on the global climate as well as ecosystems and human societies in higher-middle latitudes. A better understanding of these processes is needed, so that improved information can be given to society and stakeholders including decision makers in particular.

The fifth International Symposium on Arctic Research (ISAR-5) will be devoted to discussions on environmental changes in the Arctic and their regional and global implications, to seek additional international scientific collaboration in this area by gathering, synthesizing and sharing information related to these changes occurring in the Arctic. Special emphasis will be placed on the fields of the social sciences and humanities, which were not included in the previous ISARs.

ISAR-5 will take place in Tokyo at Hitotsubashi Hall (website for access) from January 15-18, 2018.

January 15 (Mon)	Public Lecture, Side meetings, Registration
January 16 (Tue)	Opening, Sessions, Poster, Reception
January 17 (Wed)	Sessions, Poster
January 18 (Thu)	Sessions, Closing



In this 2nd Circular, information on registration, call for abstract, session descriptions, visa information, cancel policies, and side meetings is included.

Call for Abstract

The call for abstracts for oral and poster presentations at the ISAR-5 is now open. The symposium will address “The changing Arctic and its regional to global impact: From information to knowledge and action.”

Symposium organizers invite you to submit abstracts to one of the session listed below. The general sessions are single disciplinary session and the special sessions are inter-/multi-disciplinary session.

- The submission of abstract can be made via the symposium website at



<https://jcar.org/isar-5/>.

- Please use the template downloaded from the website to make your abstract.
- If it is difficult to find a session, just pick a general session, which is closest to the subject you will present.
- Deadline extended: The “Call for Abstract” will end on September 15, 2017.

Sessions

General Sessions



(G 1) Atmosphere

Main convener: Mio Matsueda / Co-convener: Keiichiro Hara

(G 2) Ocean and Sea Ice

Main convener: Hajime Yamaguchi / Co-conveners: Genki Sagawa, Hiroyasu Hasumi

(G 3) Rivers, Lakes, Permafrost and Snow Cover

Main convener: Mamoru Ishikawa / Co-convener: Masahiro Hori

(G 4) Ice Sheets, Glaciers and Ice Cores

Main convener: Hiroyuki Enomoto / Co-conveners: Teruo Aoki, Konrad Steffen, Yoshinori Iizuka

(G 5) Terrestrial Ecosystems

Main convener: Yojiro Matsuura

(G 6) Marine Ecosystems

Main convener: Sei-Ichi Saitoh / Co-conveners: Jacqueline M. Grebmeier, Yoshiyuki Abe

(G 7) Geospace

Main convener: Yasunobu Ogawa / Co-conveners: Ryuho Kataoka, Yoshizumi Miyoshi, Takuji Nakamura

(G 8) Policies and Economy

Main convener: Shinichiro Tabata / Co-convener: Fujio Ohnishi

(G 9) Social and Cultural Dimensions

Main convener: Shiaki Kondo / Co-convener: Shirow Tatsuzawa



Special Sessions

(S 1) Arctic Warming by Natural Variability and/or Human Impact

Main convener: Hiroshi L. Tanaka / Co-convener: John E. Walsh

(S 2) Synergies for "New Arctic" Climate Prediction, Observation and Modeling

Main convener: Jun Inoue / Co-conveners: Yusuke Kawaguchi, Benjamin Rabe, Daiki Nomura

(S 3) A Complex Adapting Arctic Ecohydrology in the Context of Changing Climate

Main convener: Hotaek Park / Co-conveners: Tetsuya Hiyama, Daqing Yang

(S 4) Biogeochemical Cycles and Biodiversity of Terrestrial Ecosystems under Arctic Warming

Main convener: Hideki Kobayashi / Co-conveners: Josef Elster, Yongwon Kim, Elie Verleyen, Shin Nagai

(S 5) Synoptic Arctic Survey – An Ocean Research Program for the Future

Main convener: Are Olsen / Co-conveners: Shigeto Nishino, Leif Anderson, Michiyo Yamamoto-Kawai, Sung-Ho Kang, Øyvind Paasche

(S 6) The Pacific Arctic Region: Rapid Environmental Changes and their Impacts on Ecosystems, Climate, and Society

Main convener: Amane Fujiwara / Co-conveners: Kohei Mizobata, Hajo Eicken, Sung-Ho Kang

(S 7) Challenges for Sustainable Use of the Arctic Sea Route

Main convener: Natsuhiko Otsuka

(S 8) Developing Under-ice AUV Systems

Main convener: Peter Wadhams / Co-convener: Bo Krogh

(S 9) Understanding the Changing Arctic through Data: Stewardship, Publication, and Science

Main convener: Peter L. Pulsifer / Co-conveners: Masaki Kanao, Øystein Godøy, Shannon Christoffersen Vossepoel, Hironori Yabuki, Julie Friddell

(S10) Sustainable Development in the Russian Arctic: Perspectives from Economic, Environmental and Policy Studies

Main convener: Violetta Gassiy / Co-convener: Daria Gritsenko



- (S11) Environmental, Economic, Societal and Geopolitical Dynamics in the Arctic, their Global Drivers and Implications
Main convener: Lassi Heininen / Co-conveners: Matthias Finger, Fujio Ohnishi
- (S12) Greenlandic Reflections of Global Concerns: Ecological, Social and Political Perspectives on the Future
Main convener: Naotaka Hayashi / Co-convener: Minori Takahashi
- (S13) Non-Arctic Decision-making and the Dynamics of Social Change in the North
Main convener: Nikolas Sellheim / Co-convener: Osamu Inagaki
- (S14) Synthesizing Local Interactions between Permafrost and Human Societies
Main convener: Hiroki Takakura / Co-conveners: Tamara Litvinenko, Yoshihiro Iijima
- (S15) Technology, Infrastructure and Human Space in the Past and Present of Northern Regions
Main convener: Naoko Iwasaki / Co-conveners: Peter Schweitzer, Hiroki Takakura



Registration

Please register via website. If you are unable to register online, onsite registration will be available during the symposium from January 15 to January 18.

Deadline of early registration: 10:00 am, November 15, 2017 (JST)

Deadline of late registration: 5:00 pm, December 15, 2017 (JST)



Registration Fees JPY: Japanese Yen

Registration Category	Early By November 15		Late November 16 – December 15		Reception
Regular	JPY25000	One Day JPY13000	JPY30000	One Day JPY15000	JPY6000
ECS*	JPY5000		JPY10000		JPY6000
Undergraduate Student	Free of charge		Free of charge		JPY6000

*ECS: Early Career Scientists up to five years after completion of Ph.D., including Ph.D. students and graduate students.

If you register as an ECS or an undergraduate student, please show your official credentials at the reception desk.

Registration fee includes:

- Admission to meetings and sessions
- Symposium materials
- Program booklet
- Coffee break refreshments during the symposium



Visa Information

Attendees should check if they require a visa to enter Japan on the website of Minister of Foreign Affairs of Japan. Website: http://www.mofa.go.jp/j_info/visit/visa/index.html

Attendees who require visa support documents issued by the organizer, please fill in the *Personal Information Form** and email it with a scanned copy of your passport to isar5-



visa@nipr.ac.jp.

- Visa support documents will be issued only to attendees who have paid their registration fee in full.
 - If you require a Japanese visa, please allow at least 5-6 weeks for the internal procedure. The deadline for submitting the Personal Information Form is November 30, 2017.
- *Please download from the website.



Payment

All payments must be made in Japanese Yen (JPY) by credit card through Online Registration or by bank transfer.

Change / Cancellation / Refund Policy

Your registration and reservation cannot be changed online after December 15 (Fri). After this date, any change or cancellation must be made in writing to the Registration Desk (isar5@or.knt.co.jp).

Registration Cancellation Fee

Until November 15: JPY2000

After November 15: 100% of charge

Side Meetings

Do you want to organize side event during ISAR-5? We will be able to provide some meeting rooms as below. The rooms in the venue are reserved the first come, first served bases, and free of charge in the following time period.

January 15 (Mon) 13:00-21:00

January 17 (Wed) 19:00-21:00

January 18 (Thu) 17:00-21:00

If the rooms in the venue are full and not available, the ISAR-5 office can find and introduce fee-based rental rooms. Please contact ISAR-5 Office (isar5-office@nipr.ac.jp) providing the following information.

- Contact person's name, affiliation, e-mail address
- Name of the meeting
- Name of the meeting and organizer and affiliation
- Planned date and time period
- Expect number of attendees
- And other specific requirements.



Contacts

- Registration Desk: isar5@or.knt.co.jp
- Visa Desk: isar5-visa@nipr.ac.jp
- ISAR-5 Secretariat: isar5-office@nipr.ac.jp

Organized by Japan Consortium for Arctic Environmental Research

