



AGENDA

- 16:00 Welcome Remarks by Minister Lilja Alfreðsdóttir
- 16:10 Introduction of ASM3 Organizing Committee
- 16:15 Update on the Third Arctic Science Ministerial
- 16:50 Short Presentations
 - 6th International Symposium on Arctic Research (ISAR-6)
 - 2020 Arctic Science Summit Week / Arctic Observing Summit (ASSW/AOS)
 - 10th International Congress of Arctic Social Sciences (ICASS X)
- 17:15: Arctic Circle Japan Forum Presentation
- Questions & Answers
- 17:30 Cocktail Reception
- 18:00 Briefing Meeting Concludes





21-22 November 2020 Tokyo
Co-hosted by Iceland and Japan

Lilja Alfreðsdóttir
Minister for Education,
Science & Culture



Government of Iceland
Ministry of Education,
Science and Culture



MEXT MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN



ORGANIZING COMMITTEE

Japanese Ministry of Education, Culture, Science, Sports, Science & Technology

- DOI Daisuke
- KONO Hiroyuki
- SHIRANO Ami

Japanese National Institute of Polar Research

- KODAMA Yuji
- SUEYOSHI Tetsuo

Icelandic Ministry of Education, Science & Culture

- Ásgerður Kjartansdóttir
- Lindsay Arthur



BACKGROUND

FIRST ARCTIC SCIENCE MINISTERIAL
Washington DC, USA
September 2016



SECOND ARCTIC SCIENCE MINISTERIAL
Berlin, Germany
October 2018



Government of Iceland
Ministry of Education,
Science and Culture



MEXT
MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN



Third Arctic Science Ministerial Program

SCIENCE FAIR

21 November 2020

16:00 – 20:00

Opening Ceremony of the Third Arctic Science Ministerial

MINISTERIAL MEETING

22 November 2020

All Day

Official Meeting of the Ministers





SCIENCE ADVISORY BOARD

1. Icelandic Representative: Embla Eir Oddsdóttir
2. Japanese Representative: Hiroyuki Enomoto
3. Indigenous Science Representative: Eva Krueffel
4. Indigenous Knowledge Holder Representative: TBC
5. AOS (Arctic Observing Summit) Representative: Hajo Eicken
6. APECS (Association of Polar Early Career Scientists) Representative: Mia Bennet
7. ASM1 Representative: Fran Ulmer
8. ASM2 Representative: Karin Lochte
9. IASC (International Arctic Science Committee) Representative: Larry Hinzman
10. IASSA (International Arctic Social Sciences Association) Representative: Andrey Petrov
11. SAON (Sustaining Arctic Observing Networks) Representative: Sandy Starkweather
12. UArctic (University of the Arctic) Representative: Arja Rautio





2020 SCIENCE PROCESS



The **6th International Symposium on Arctic Research (ISAR-6)**

2-6 March 2020 in Tokyo, Japan.



Arctic Science Summit Week (ASSW2020) and the **Arctic Observing Summit 2020 (AOS2020)**.

27 March to 2 April 2020 in Akureyri, Iceland.



The **10th International Congress of Arctic Social Sciences (ICASS X)**

15-20 June 2020 in Arkhangelsk, Russia.





THEME: KNOWLEDGE FOR A SUSTAINABLE ARCTIC

OBSERVE

Observing networks, Data sharing – towards implementation

UNDERSTAND

Enhance scientific understanding and prediction capability on Arctic environmental and social systems and its global impact.

RESPOND

Sustainable development, Evaluation of vulnerability and resiliency, Application of scientific knowledge

STRENGTHEN

Capacity building, Education, Networking – prepare the next generation





NATIONAL DELIVERABLES

1. Arctic Research Overview
2. Updates on projects submitted as deliverables to ASM1 and ASM2
3. New research initiatives
4. New information on science agreements already in place
5. Suggestions on where enhanced collaboration would be beneficial
6. Recent and planned research priorities and needs





THREE-POINTS OF CONTACT

Contact 1: National Science Institute/Ministry

Contact 2: Tokyo Embassy

Contact 3: Reykjavík Embassy



KEY DATES

National Science Process

Draft Themes Released: 07 February 2020

National Deliverables Released: 02 March 2020

National Deliverables Due: 08 May 2020

Science Summary Draft One: August 2020

Science Summary Draft Two: October 2020

ASM3 Briefing Meetings:

First Briefing Meeting: 19 September 2019, Tokyo

Second Briefing Meeting: 31 January 2020, Reykjavík

Third Briefing Meeting: early June 2020, Tokyo

Fourth Briefing Meeting: early October 2020, Reykjavík

Fifth Briefing Meeting: early November 2020, Tokyo





SUMMARY

1. Concept Note for ASM3
2. 1-page National Science Deliverables Summary
3. Three-Point Contact Information
4. Key Dates
5. Draft Themes (07 February release)





THIRD ARCTIC SCIENCE MINISTERIAL



HOME

CONFERENCE

CONCLUSIONS

REPORTS

SCIENCE

ABOUT ASM3



ASM3

3rd Arctic Science Ministerial
Co-hosted by Iceland and Japan
21-22 November 2020
Tokyo, Japan

asm3.org

Tokyo, Japan
21-22 November 2020

ml-asm3@mext.go.jp



Science Process

In order to engage with Arctic scientists and



Concept Note

Since the last Arctic Science Ministerial in



Briefing Meetings

Briefing meetings for embassies will take

International Symposium on Arctic Research (ISAR)



- ISAR-1 (2008) 12 countries, 190 participants
- ISAR-2 (2010) 15 countries, 225 participants
- ISAR-3 (2013) 20 countries, 270 participants

- ISAR-4 (as part of ASSW2015)
34 countries, 708 participants
- ISAR-5 (2018) 26 countries, 340 participants

Sixth International Symposium on Arctic Research (ISAR-6)

- 430 abstract submitted
- More than 220 are from abroad
- Special session for ASM3
- Symposium Statement will be released for ASM3 based on the inputs from all sessions
- www.jcar.org/isar-6/



The poster features a central orange square with white text. A yellow and red banner in the top left corner reads 'First Circular'. Below the main title, the dates and location are listed. At the bottom, a light blue section contains the theme and two bullet points.

First Circular

ISAR-6

Sixth International Symposium on Arctic Research

March 2-6, 2020
Tokyo, JAPAN

Arctic research: the decade past and the decade future

- Understanding the Arctic change and its accelerating and cascading impacts.
- How the Arctic research has contributed to the sustainable development.

Sixth International Symposium on Arctic Research (ISAR-6)

- 430 abstracts submitted, more than 220 are from abroad
- Special session for ASM3

Scientific Contributions to the Third Arctic Science Ministerial (ASM3)

Breakout session (March 3rd)

- I. Strengthening, Integrating and Sustaining Arctic Observations, Facilitating Access to Arctic Data, and Sharing Arctic Research Infrastructure
- II. Understanding Regional and Global Dynamics of Arctic Change
- III. Assessing Vulnerability and Building Resilience of Arctic Environments and Societies
- IV. Capacity Building in the Arctic. Contribution of Science and Engineering, Private Sector and the Local Communities

Plenary session (March 6th)

Summary of Breakout sessions + Discussions



IASC

Arctic Science Summit Week 2020

Akureyri, Iceland | 27 March - 2 April

Convened by the [International Arctic Science Committee \(IASC\)](#)

Hosted by the [Icelandic Centre for Research](#) and the [University of Akureyri](#)



**Háskólinn
á Akureyri**
University
of Akureyri



rannís

About IASC



- Observer to the Arctic Council since its inception.
- Connecting international scientific expertise and advice
- Mission: IASC encourages and facilitates cooperation in all aspects of Arctic research, in all countries engaged in Arctic research and in all areas of the Arctic region.
- Helping to bridge national and disciplinary boundaries.
- One way IASC does this:

[Arctic Science Summit Week](#)



27 MARCH
HOF CULTURAL CENTER

**Science for a
Sustainable
Arctic**

28-30 MARCH
UNIVERSITY OF AKUREYRI

**IASC Business
& Community
Meetings**

31 MARCH - 2 APRIL
UNIVERSITY OF AKUREYRI

**5th Arctic
Observing
Summit**

ASM3 Engagement: Science for a Sustainable Arctic Day



- 30 minute slot during plenary
 - Lindsay Arthur (Icelandic Ministry of Science, Education, and Culture) & Hiroyuki Enomoto (National Institute of Polar Research, Japan):
- Opportunity to report the process and summary of the ISAR-6 outcomes and statement
- Provide outline of the “science process”
 - i.e. whole process related to the Science Summary and the Joint Statement – survey form, four conferences, and “Deliverables” process.
- Reporting of the ASM3 special session during the ISAR-6, mentioning the process of creating and “ISAR-6 statement”.
 - Contents of ISAR-6 statement can be mentioned if time allows.

ASM3 Engagement: ASSW Community Meetings



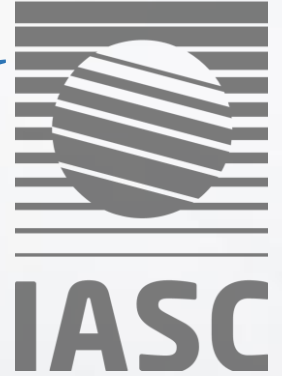
- Invite any international and regional Arctic scientific organization (including IASC, IASC Partners, and the IASC Working Groups) to submit comment documents. *Note: This is different from the “Deliverable” process for ASM3*
 - Each organization/IASC WG is invited to submit comments for the expected four ASM3 themes in one document each (maximum 2 pages, with template).
- Consultation Meeting – 29 March, 16:00-17:30, room M101
 - Co-chaired by IASC & APECS representatives
 - One-slide introduction from each organization
 - Emphasis on moderated discussion
- Chairs will create an executive summary of the session. This will be combined with the 2-pagers to deliver to the Ministerial organizers.

ASM3 Engagement: Arctic Observing Summit (AOS)



- AOS organizers see ASM3 as one of the key audiences for the recommendations and the report that will come out of AOS
- Yuji Kodama (NIPR, Japan) will deliver an AOS opening plenary on the the broader context of the Arctic Science Ministerial that AOS fits into, where can AOS create meaningful change, and the intended outcomes of the summit
- The Minister & team are invited to attend the Arctic Observing Summit. This will be an opportunity to engage with Observations experts, solicit & shape future input, and brief the Minister about the state of Arctic Observations and recommendations about Arctic Observing Systems.
- Icelandic Minister of Science, Education, and Culture Lilja Dögg Alfreðsdóttir will deliver a closing plenary speech regarding the role of Arctic Observations in the ASM 3 process, how input will be used, and other related topics.
- It has been suggested by AOS planners that another contributor, perhaps from Japan (maybe at a more technical level but we would leave that up to Japan) would be able to contribute to the opening plenary of AOS in terms of shaping / guiding AOS input into ASM3.

Cultural Program and Local Community Outreach



- Exhibition: Inuit Qaujimajatuqangit (Mjolkurbidin & Into the Arctic)
- Exhibition: Arctic Innovations (Glerartorg)
- Fire Ceremony with Arctic Indigenous People (downtown)
- CAFF, Biodiversity Photo Contest (Hof)
- CAFF Interviews with Scientists+ Hannah Perrine Mode (Deiglan)
- Arctic Maps (Minjasfnið)
- “Barnamorgun” (kids’ morning) (Hof)
- “Arctic Art”, Artist working with kids on Arctic issues (Lystasfnid – Akureyri Art Museum)
- Concert: Nanoq (Græni Hatturinn)
- ...and more!



More Information & Registration at:

assw2020.is

ICASS X Arctic Generations: Looking Back and Looking Forward

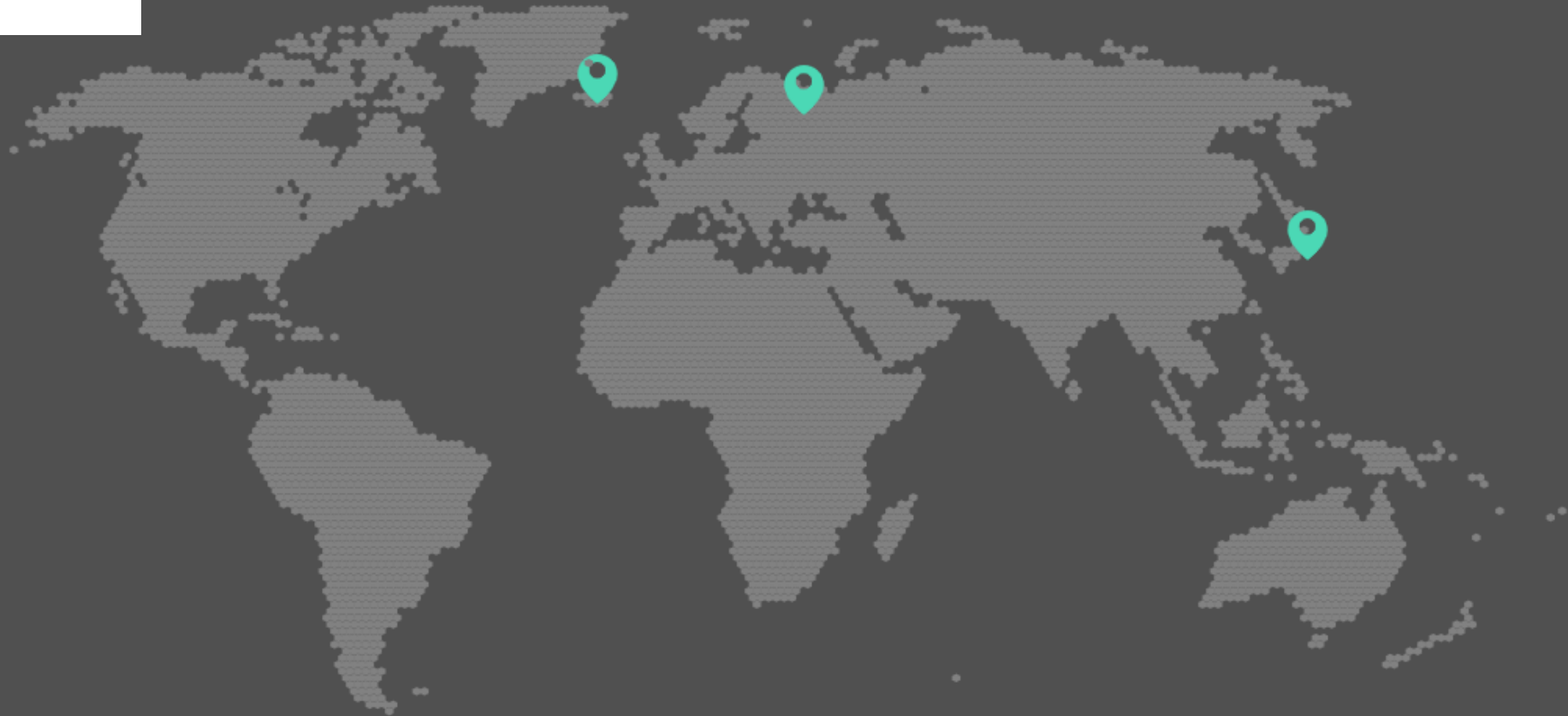
- **When:** June 15-20, 2020
- **Where:** Arkhangelsk, Russia
- **Registration:** *Now Open* <https://icass.uni.edu/>
- **Hosted by** The ARCTICenter at the University of Northern Iowa (USA) and Northern Arctic Federal University (Russia)



IASSA
INTERNATIONAL ARCTIC SOCIAL
SCIENCES ASSOCIATION



Andrey Petrov, President of IASSA and
ASM3 Science Advisory Board member



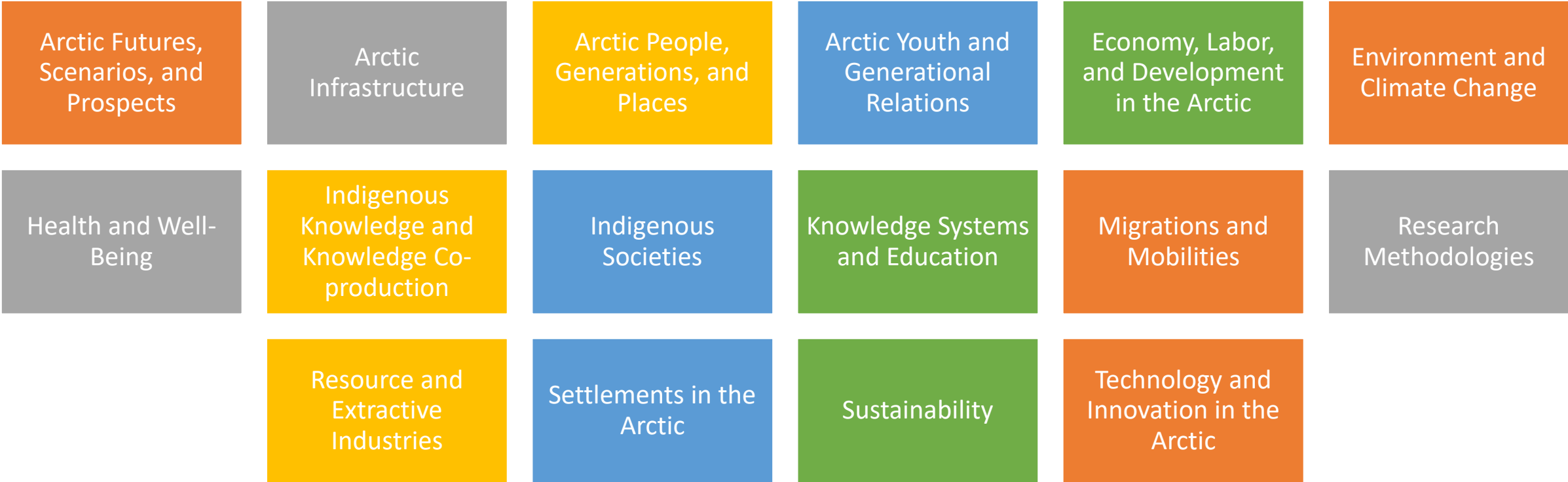
Breakout session(s)

Conference booth with student volunteers from the University of Akureyri

Reports from organizers of relevant sessions



Relevant ICASS X THEMES



Travel funding available for ICASS X

Created: Wednesday, 22 January 2020 10:25

The Association of Polar Early Career Scientists (APECS) in cooperation with the International Arctic Social Sciences Association (IASSA) is pleased to announce the availability of travel support for the 10th International Congress for Arctic Social Sciences (ICASS X) (15 - 19 June 2020, Arkhangelsk, Russia).



- **Early career researchers**
- **Indigenous Arctic experts** of all backgrounds and career stages (defined as researchers and Indigenous knowledge holders who are of Arctic Indigenous heritage, in particular those represented by the Arctic Council Permanent Participants)
- **Scholars from remote Arctic communities**