



INTERNATIONAL
ARCTIC SCIENCE
COMMITTEE



JAN

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----------|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |



INTERDISCIPLINARITY IASC

IASC promotes system-scale Arctic activities and encourages Arctic scientists to explore interdisciplinary questions, in particular across the natural and social sciences. This approach is emphasized by IASC “Cross-Cutting” activities, which are supported by at least two of the five IASC Working Groups. IASC issues a call for IASC Cross-Cutting and Working Group Proposals around November every year. All the Arctic scientific community is encouraged to apply.

[iasc.info/activities/cross-cutting/]

IASC 2023

PHOTO: IGOR VASILEVICH

Snowpit, again. Svalbard, Aldegondabreen glacier.



2023

FEB

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | | | | | |

PHOTO: LARS VESTERGAARD

The newly built (summer 2022) Sermilik Station in East Greenland (Tasiilaq), which is operated in cooperation between Denmark and Austria. Austria hosts ASSW2023, more info at assw.info.



**ARCTIC SCIENCE SUMMIT WEEK 2023
#ASSW2023**

The Arctic Science Summit Week 2023 (ASSW2023) will be hosted at the University of Vienna and online, from 17 to 24 February 2023. The overarching theme of the ASSW2023 Science Symposium is "The Arctic in the Anthropocene". ASSW2023 is organized by the Austrian Polar Research Institute (APRI), the Austrian Arctic Community, IASC, and partners.

Follow us on Twitter #ASSW2023

[assw.info]

IASC 2023



23

MAR

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

PHOTO: SUSAN CHRISTIANEN, EXTREME DESIGN LAB.

An adventurous walk out on the sea ice towards the Swiss ship Mauritius of Fondation Pacifique. Qeqertarsuaq, Disko Island, Greenland. April 2022.



International Conference on Arctic Research Planning IV (ICARP) Process: Engagement Phase

IASC is coordinating a multi-year planning and engagement process for ICARP IV starting in 2022 that will culminate in the ICARP IV / ASSW 2025 hosted in Boulder, Colorado (USA) in 2025. IASC is engaging our partners in Arctic research to enable a community-wide undertaking and encourages individuals, groups, networks, institutions, and organizations to participate in the ICARP IV engagement phase during 2023.

[icarp.iasc.info]

IASC 2023



APR

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

PHOTO: SUSAN CHRISTIANEN, EXTREME DESIGN LAB.

A local hunter on his dogsled along the Fata Morgana icebergs of Qeqertarsuaq, Disko Island, Greenland.



IASC 2022 State of Arctic Science Report (SAS Report)

Published annually since 2020, the IASC State of Arctic Science Report 2022 presents a cohesive synthesis of Arctic research activities and priorities with of a large range of input and contributions across all aspects of Arctic research. It is aimed at Arctic science agencies, managers, and users including a wide range of decision-makers and policymakers, to help all Arctic science stakeholders stay up to date on Arctic research.

[SAS Report Series: <https://iasc.info/about/publications-documents/state-of-arctic-science>]

IASC 2023



23

MAY

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

PHOTO: LUCA BRACALI
Northernlights, Canada



IASC ATMOSPHERE WORKING GROUP

The scientific scope of the Atmosphere Working Group (AWG) includes scientific research towards understanding and prediction of Arctic change and considering the fate of perennial sea ice and the global atmospheric consequences of its disappearance. This includes past climate states, investigation of Arctic processes across data sets and approaches, and climate model projections. The scope includes local and regional impacts of Arctic change.

[iasc.info/working-groups/atmosphere]

The scientific core elements of IASC are its five Working Groups, which facilitate and support international, science-led programs.

IASC 2023



23

JUN

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | | |



IASC CRYOSPHERE WORKING GROUP

The Cryosphere Working Group (CWG) supports and promotes all scientific or engineering research related to the Arctic and subarctic cryosphere, including glaciers, sea ice, snow, permafrost, seasonally frozen ground, and lake and river ice. It encompasses cryospheric interactions with the atmosphere, ocean, biosphere, and terrestrial systems in the past, present and future, and the cryosphere's role in climate and human society.

[iasc.info/working-groups/cryosphere]

The scientific core elements of IASC are its five Working Groups, which facilitate and support international, science-led programs.

IASC 2023

PHOTO: DANILO PETROCELLI, MARITIME ROBOTICS

Drone Operations in the Greenlandic Sea, part of the Digital Arctic Shipping project.



၂၃

JUL

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

PHOTO: TRINE LISE SVIGGUM HELGERUD
(NORWEGIAN POLAR INSTITUTE)

Instrument moorings ADCP NPI ARCTIC OCEAN CRUISE 2022



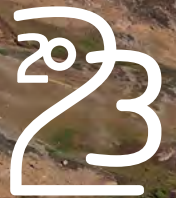
IASC MARINE WORKING GROUP

The scientific scope of the Marine Working Group (MWG) shall include but not be limited to any marine natural science or engineering research. The geographic scope of the Marine Working Group shall be the Arctic Ocean and the Subarctic Seas.

[iasc.info/working-groups/marine]

The scientific core elements of IASC are its five Working Groups, which facilitate and support international, science-led programs.

IASC 2023



AUG

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

PHOTO: WOLFGANG SCHOENER

Tasiilaq, the largest settlement on the east coast of Greenland, seen from the way to nearby mountain Qaqertivagajik.



IASC SOCIAL AND HUMAN WORKING GROUP

The scientific scope of the Social and Human Sciences Working Group (SHWG) shall include all aspects of social sciences and humanities research in the Arctic, as well as their connections with other IASC Working Groups. The actual work of the Social & Human Sciences WG is determined by a dynamic list of scientific focus areas.

The geographic scope of the Social and Human Sciences Working Group shall be the Arctic as defined in the map accompanying the Arctic Human Development Report (AHDR). The geographic scope can be extended south where it is appropriate for an understanding of Arctic social and human processes.

[iasc.info/working-groups/social-human]

The scientific core elements of IASC are its five Working Groups, which facilitate and support international, science-led programs.

IASC 2023



23

SEP

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | |

PHOTO: MARIO HOPPMANN

Polar Bear



IASC TERRESTRIAL WORKING GROUP

The scientific scope of the Terrestrial Working Group (TWG) shall include any scientific research on Arctic terrestrial and freshwater environments, landscapes and biota, and their responses to, and interactions with, other components of the Earth system. The remit encompasses the dynamics of the Arctic system; past, present and future.

Geographically, the main area of interest of the IASC Terrestrial Working Group encompasses lands and fresh water within the area north of the latitudinal treeline with Arctic climate and Arctic vegetation. Several adjacent areas are included where highly relevant for certain disciplines and projects.

[iasc.info/working-groups/terrestrial]

The scientific core elements of IASC are its five Working Groups, which facilitate and support international, science-led programs.

IASC 2023



23

OCT

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----------|
| | | | | | | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

PHOTO: TRINE LISE SVIGGUM HELGERUD
(NORWEGIAN POLAR INSTITUTE)

Megan Lenss and Zoe Koenig, NPI ARCTIC OCEAN CRUISE 2022.



IASC CAPACITY-BUILDING

The IASC Fellowship Program engages early career scientists in the work of the IASC Working Groups. IASC Fellows are doctoral or postdoctoral researchers who are supported to participate in and help plan IASC activities and projects, as well as help with reporting to the IASC Secretariat. For 2023, IASC offers 8 Fellowships, including one IASC Indigenous Fellow. As part of the Polar Initiative with the Prince Albert II of Monaco Foundation, two of those Fellowships are generously funded by the foundation.

A call for applications is released each year in October, managed by APECS. IASC also supports programs to increase Indigenous participation in IASC science and ASSW, as well as science communication and other training activities.

[\[iasc.info/capacity-building/fellowship\]](https://iasc.info/capacity-building/fellowship)

IASC 2023



NOV

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----------|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | | | |

PHOTO: FIEKE RADER

The Italian research station in Ny-Ålesund during a snow storm.
Svalbard



IASC MEDAL

The IASC Medal is awarded each year in recognition of exceptional and sustained contributions to the understanding of the Arctic. The whole IASC community, from all countries, backgrounds, and career stages, is invited to submit nominations to the IASC Secretariat (until 31 October each year). IASC supports inclusivity and diversity and therefore particularly encourages nominations which take these values into consideration.

IASC awarded the 2022 IASC Medal to **Dr. Dalee Sambo Dorough** for her outstanding achievements in advocacy for the rights of Indigenous peoples, her service to a wide range of arctic communities, including the Arctic Council, and her influence as a legal scholar.

[\[iasc.info/medal\]](https://iasc.info/medal)

IASC 2023



DEC

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

PHOTO: SIGURÐUR ÁRNASON

Arnarnes, the outermost point of land on Skutulsfjörður.
Arnarneshamar, a basalt cape, through which the first road tunnel in Iceland was made in 1948



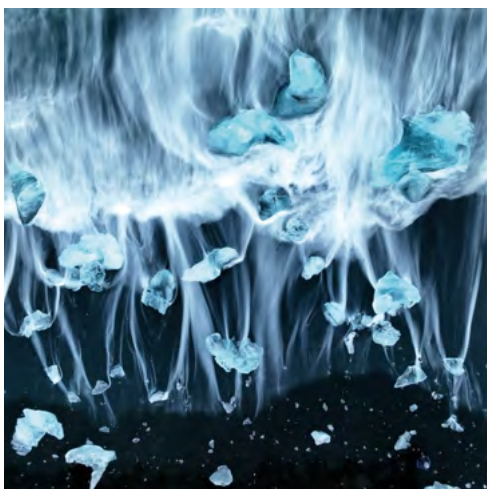
IASC SECRETARIAT

The IASC Secretariat is responsible for the daily operations of IASC. Among its tasks, the Secretariat provides support for the IASC Working Groups, Council, and Executive Committee; is responsible for IASC communications, coordinates with IASC partners; and administers IASC finances. Currently the Secretariat is based in Akureyri, Iceland and is supported by Rannís, the Icelandic Centre for Research, through the end of 2026.

Get in contact with the IASC Secretariat if you have any question regarding IASC or Arctic Science!

[info@iasc.info]

IASC 2023



COVER PHOTO: LUCA BRACALI

IASC 2023

THE INTERNATIONAL ARCTIC SCIENCE COMMITTEE (IASC)

The International Arctic Science Committee (IASC) is a non-governmental, international scientific organization. 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. IASC promotes and supports leading-edge interdisciplinary research in order to foster a greater scientific understanding of the Arctic and its role in the Earth system.

[iasc.info]

The International Arctic Science Committee
Secretariat
Borgir, Norðurlóð
600 Akureyri, ICELAND

Phone: +354 515 5824
E-mail: info@iasc.info
Website: www.iasc.info

© International Arctic Science Committee 2022

Editors: Federica Scarpa and Gerlis Fugmann
Production and Layout: www.redpear.de
Printing: Brandenburgische Universitätsdruckerei
und Verlagsgesellschaft Potsdam mbh