



Introduction from the SCAR Secretariat

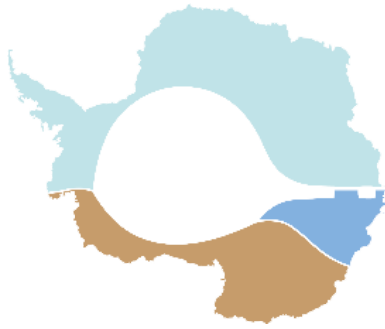
The SCAR Secretariat wishes you a happy and healthy new year!

It's been a busy start to the year here at the SCAR Secretariat. We are delighted to be able to share with you the new **SCAR2022 Website** (www.scar2022.org). The 10th SCAR Open Science Conference will be held online from 1-10 August 2022 and the theme of the conference is "Antarctica in a Changing World". Due to technical issues and delays caused by the global pandemic, the organisers of SCAR2022 have elected to delay the opening of the Abstract Submission portal for the 10th Open Science Conference until **15th February**. This additional time will also allow for the inclusion of late arriving proposals by the community for proposed parallel sessions. We are looking forward to celebrating the huge range of important research conducted by the SCAR community at the 10th SCAR Open Science Conference.

We also have plenty of other news to share with you this month. Highlights include a [new article](#) on the INSTANT Scientific Research Programme, [award announcements](#) from AntClimNow and a call for applications for the 2022 [INSTANT Fellowships](#). We were also delighted to announce the new [EDI Leadership team](#) and warmly invite you to "[The Cold is Getting Hot](#)" (24-25 February 2022), a scientific symposium organised as a collaboration between the Prince Albert II of Monaco Foundation, SCAR, IASC and the Oceanographic Institute.

We are looking forward to another exciting year of Antarctic research and collaboration. It's been a great start!

With best wishes,
The SCAR Secretariat



INSTANT

INSTABILITIES & THRESHOLDS IN ANTARCTICA

The Uncertain Future of Antarctica's Melting Ice

A new article, published in EOS, highlights the important work of SCAR's [INSTANT](#) Scientific Research Programme.

'*The Uncertain Future of Antarctica's Melting Ice*' describes the necessity and difficulty of understanding the Antarctic Ice Sheet's contribution to past and future sea level rise, and how INSTANT is using a multidisciplinary Earth system approach to fill the gaps in our understanding through international cooperation.

[Click here to read the full article.](#)

SCAR News

"The Cold is Getting Hot!" Scientific Symposium: From Arctic to Antarctic

The [Prince Albert II of Monaco Foundation](#), Scientific Committee on Antarctic Research, and International Arctic Science Committee ([IASC](#)) in collaboration with the Oceanographic Institute present '[The Cold is Getting Hot!](#)' This scientific symposium will convene leading scientists to discuss how, how fast, and in what ways changes in our planet's polar regions are affecting Earth's climate, living and social systems, and how this affects us all. The event will be held on the **24th and 25th February 2022** in person and online.



EDI Leadership Group announced

We are delighted to announce that the SCAR Equality, Diversity, and Inclusion (EDI) Action



Group has been launched.

The group will be led by an inaugural [senior leadership team](#) comprised of Chief Officer Adriana María Gulisano, Deputy Chief Officer Zia Madani, and Secretary Pilvi Muschitiello.

Call for Applications for INSTANT Fellowships

[INSTANT](#) is funding four scholarships to Early-Career Researchers. The goal of SCAR INSTANT fellowships is to increase the engagement of Early-Career Researchers in INSTANT activities and to promote participation of scientists from regions currently under-represented in INSTANT, i.e., South America, Asia and Africa.

[INSTANT fellowships](#) are USD \$5000 and co-funding with other sources is encouraged. The deadline for applications is **31st March 2022**.



AntClimNow Awardees announced

[AntClimNow](#) are excited to announce the recipients of the [2021 AntClimNow Dataset Development and Stewardship Grants](#).

The inaugural grants were awarded to **Sarah Thompson** (Australian Antarctic Program Partnership, University of Tasmania) and **Megan Thompson-Munson** (University of Colorado, Boulder). Congratulations, Sarah and Megan!

Information on participating in Ant-TAG

The Antarctic Tourism Action Group ([Ant-TAG](#)) is looking for researchers working on Antarctic tourism or an adjacent field to participate in the group's activities. To register an interest please use [this form](#). More information about Ant-TAG is available on the [SCAR website](#).





CLIVAR Special Issue online questionnaire

The [CLIVAR/CLiC/SCAR SORP panel](#) has decided to organize a special issue of the [CLIVAR exchanges](#), aiming at highlighting research, data, and networks of less known Antarctic programs to provide novel insight on physical and biogeochemical processes of the Southern Ocean. Toward this end, SORP has prepared an [online questionnaire](#), inviting participation and gathering some information for the editorial introduction of the issue. The [questionnaire](#) is open until **10th March 2022**.

Community News

News from the SCAR community and wider research community

- [PetroChron Antarctica](#), a new relational database, has been launched. [PetroChron](#) contains a compilation of petrological, geochemical and geochronological data from more than 10,000 geological samples across Antarctica. The database was supported by the SCAR [Geosciences](#) Group, the [INSTANT](#), [SERCE](#), and [PAIS](#) Scientific Research Programmes and the [GHF](#) subgroup, and is freely available through [Zenodo](#) and an ESRI Web Feature Service. The group welcomes feedback on how to improve this resource, and fund updates into the future.
- *Shackleton* has launched the [Shackleton Medal for the Protection of the Polar Regions](#) to mark the centenary of Shackleton's death on 5th January 1922. The medal seeks to celebrate individuals who work to protect the polar regions. Nominations are open until the **20th February 2022**.
- The International Arctic Science Committee ([IASC](#)), the Sustainable Development Working Group ([SDWG](#)) of the Arctic Council, the International Arctic Social Sciences Association ([IASSA](#)), and the Sustaining Arctic Observing Network ([SAON](#)) in cooperation with the Association of Polar Early Career Scientists ([APECS](#)) are excited to announce the recipients of the [2022 IASC Fellowship Program](#). Eight Fellowships have been awarded.

- 7 papers have been published under the 2nd BEPSII special issue in *Elementa*. More information and a full list of articles are available [here](#).
- A [new study](#) has found significant marine life beneath the Ekström Ice Shelf. The paper is titled *Richness, growth, and persistence of life under an Antarctic ice shelf* and is published in *Current Biology*.
- A recent study titled 'Ship traffic connects Antarctica's fragile coasts to worldwide ecosystems' has described how invasive species can 'hitchhike' to Antarctica on ships. [Read more on BBC](#) and access the full article [here](#).

Events

Upcoming events from SCAR, the SCAR community and wider research community

- The 2022 [Arctic Science Summit Week \(ASSW 2022\)](#) will be held from the 26 March - 1 April 2022 on the campus of UiT The Arctic University of Norway in **Tromsø, Norway**. It is currently planned to have a hybrid format.
- Registration is open for Polar Educators International's 5th International Conference ([PEI 2022](#)) from **12 – 15 April 2022**, Iceland. Information about the conference, 'Stories in Ice: connect, learn, act', and registration information, is available on the [PEI website](#).
- The [SCAR Open Science Conference 2022](#) will be held online from **1-10 August 2022**. The theme of the conference is "Antarctica in a Changing World". The call for abstracts will open **15th February 2022**.
- The UK and the International Marine Science Community is invited to propose scientific or discussion sessions for Challenger 150, the 2022 [Challenger Society Conference \(6-8 September 2022\)](#).

Opportunities

Opportunities from the SCAR Community and wider research community

- The Woodwell Climate Research Centre [is hiring for multiple positions](#).
- Northumbria University is investing in 100 new academic posts, including in Cold Environments. Full information on the [Northumbria website](#).

- PhD studentships are available at the Alfred Wegener Institute on ['Resolving the Antarctic sea-ice paradox'](#), ['Ocean controls on sea-ice melt in the marginal ice zone north of Fram Strait'](#), ['Climate Modelling with AWI-ESM3'](#), and [physical oceanography](#).
- The US Ice Drilling Programme is seeking a [Field Support Manager](#) (based at the University of Wisconsin-Madison). **Deadline 16 February 2022**
- Four funded PhD studentships in cold region science are being advertised at Northumbria University, UK. They are as follows: [Winter CO2 emissions from the terrestrial Arctic](#); [Gigapixel remote sensing for monitoring permafrost slope response to climate change](#); [temporal oscillations of ice streams and implications for ice sheet deglaciation](#); [Meteoric 10Be as a tracer of chemical weathering in glacial sediments](#).
Deadline **18 February 2022**.

Image of the Month



Our image of the month, by Tobias Staal, celebrates the vastness of Antarctica's ice, the future of which is the focus of our [featured news article](#) on the SCAR INSTANT Scientific Research Programme.

To share your photos or news please email info@scar.org. We love hearing from you!



Copyright © 2022 SCAR, All rights reserved.

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).