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## Introduction from the SCAR Secretariat

We wish you all a Happy Antarctic Midsummer!

Another year is coming to an end. For the SCAR Secretariat in the UK it is the middle of winter, but in Antarctica it is midsummer, which we are celebrating with a sunny image of the month. We're also looking back at 2021 and remembering all that has been achieved by the SCAR community with our [end-of-year infographic](#).

Definitely worth celebrating is the announcement of the 2021 [Antarctic Fellowships](#). We're delighted to have awarded five SCAR Fellowships this year and would like to congratulate all successful applicants. Supporting Early Career Researchers is a core element of SCAR's work, and we're looking forward to seeing what this year's Fellows achieve with their projects.

We're excited to announce the new Antarctic Tourism Action Group ([Ant-Tag](#)), which welcomes input from the community. We would also like to warmly welcome Dr. Keith Reid as the [new Antarctic Environments Portal Editor](#). Welcome, Keith!

As the year draws a close, we wish those of you who are in the field a safe and successful season. For those at home and planning a well-earned break, we wish you happy holidays!

With best wishes,  
*The SCAR Secretariat*

## End-of-year Review 2021

Season's Greetings and Best Wishes for 2022  
from the Scientific Committee on Antarctic Research



Have a look at the highlights of our activities in 2021:



## February

**Quantarctica 3.2** is released

## March

The XXXVI SCAR Delegates' Meeting is held online. SCAR welcomes a new **Executive Committee** and **new Members**

## April

Launch of the **Southern Ocean UN Decade** initiative, coordinated by SCAR

## June

The **Paris Declaration** is adopted at the 43rd Antarctic Treaty Consultative Meeting. The Declaration reinforces the value of SCAR in providing scientific advice

## October

The **COP 26 UN Climate Change Conference** is hosted in Glasgow. SCAR hosts two side-events and joins call for UNFCCC Cryosphere Dialogue

## November

ISC & BBC StoryWork's Unlocking Science series features SCAR's work in "**What Antarctica can tell us about global climate change**"

## December

SCAR appoints a new **Antarctic Environments Portal Editor**

## January-May

SCAR's three new flagship Scientific Research Programmes **INSTANT**, **Ant-ICON** and **AntClimNow** host kick-off workshops and community engagement meetings

## March

The **Polar Resource Book** (PRB) is published online

## March

A video celebrates the achievements of the SCAR 2012-2020 Scientific Research Programme **PAIS**

## June

The SCAR **Equality, Diversity and Inclusion (EDI) Action Group** is launched

## July

The **International Iceberg Database** is added to the SCAR Database

## October

**SCAR Film "Peace and Science"** is released

## December

2021 **SCAR Fellow recipients** announced

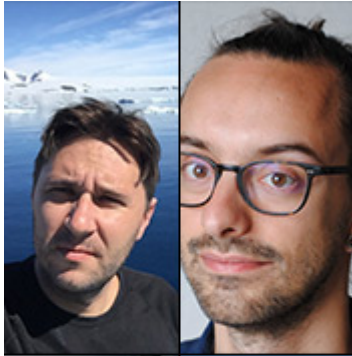
## December

Dates, details and Pre-conference Circular for the **SCAR Open Science Conference 2022** (1-10 August 2022, online) released



Make sure to stay in touch with us for exciting projects to come in 2022.

## SCAR News



### SCAR 2021 Fellowships announced

SCAR, the Council of Managers of National Antarctic Programs ([COMNAP](#)) and the International Association of Antarctica Tour Operators ([IAATO](#)) marked Antarctica Day (1 December) by announcing the recipients of this year's Antarctic Fellowships.

Congratulations to David Vendrami, Fernando Luis Hillebrand, Lisa Craw, Lumi Haraguchi, and Natalia Gimena Rosciano on their SCAR Fellowships! SCAR is grateful that COMNAP has funded two further SCAR Fellowship applicants: Paola Barros Delben and Renan Lima (COMNAP Research Fellow 2021). Full details are available on the COMNAP [website](#). IAATO has awarded [its fellowships](#) to Ross Nichols.

Congratulations to all successful applicants on their Fellowships!

[More detail on the SCAR website](#)

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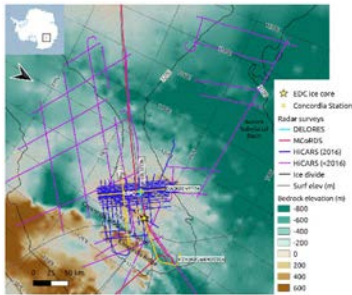
### SCAR appoints new Antarctic Environments Portal Editor

The Scientific Committee on Antarctic Research is pleased to [announce the appointment](#) of Dr Keith Reid as Antarctic Environments Portal Editor. Keith is a marine scientist with a passion for conservation and education. He brings to the role extensive editorial experience, a deep understanding and knowledge of the Antarctic science-policy interface.

Keith will take over from outgoing Editor Dr Neil Gilbert. We would like to thank Neil for all his



hard work and wish him the very best for the future.



### AntArchitecture Paper

A [new paper and dataset](#), entitled “A detailed radiostratigraphic data set for the central East Antarctic Plateau spanning from the Holocene to the mid-Pleistocene,” has been published in *Earth System Science Data*. The study contributes to the SCAR [AntArchitecture Action Group](#).

### New Antarctic Tourism Action Group approved

The Antarctic Tourism Action Group ([Ant-TAG](#)) was approved at the SC-HASS Business Meeting in November 2021. Ant-TAG provides an umbrella under which researchers and practitioners can make new connections, become aware of other existing projects, and pool existing expertise in order to make the most accurate and up-to-date recommendations relating to the practice of tourism in the region.

The group is planning a number of activities organised into six sub-groups and [invites input](#) from the SCAR community.



## Community News

### News from the SCAR community and wider research community

- To celebrate Antarctica Day 2021, SCAR took part in a number of events and webinar. You can see the full overview, including the links to recordings, on our [website](#).
- SCAR and APECS Germany held a webinar in German on the SCAR Fellowship Programme. The recording of the webinar is now available on our [YouTube channel](#).

- The 5th National Polar Sciences Workshop and 2nd Polar Festival were held under the auspices of the Presidency of the Republic of Turkey on the 30 November and 1 December respectively. A full report is available from the [SCAR website](#).
- New publication: '[Discovery of an Antarctic Ascidian-Associated Uncultivated Verrucomicrobia with Antimelanoma Palmerolide Biosynthetic Potential](#).' A press release is available [here](#).
- New studies from The International Thwaites Glacier Collaboration have been featured in articles by the [BBC](#) and the [Washington Post](#). An interactive article published in the [New York Times](#) examines the complex interrelations in the Southern Ocean how how these contribute to climate change.

## Events

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

- [A winter training school on snow sciences \(20-26 March 2022\)](#), aimed at PhD students involved in ice core climate record interpretation, is being organised by the [DEEPICE project](#). Applications are open until the 12th December 2021.
- The 2022 [Arctic Science Summit Week \(ASSW\)](#) 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.
- The deadline for abstract submission to the **EGU General Assembly 2022** (3-8 April 2022) is 12 January 2022. Information about sessions and the abstract submission process can be found on the [EGU22 website](#).
- The [Polar Educators International 2022 Conference](#) is being held in Iceland on the 12 - 15 April 2022. The theme is 'Stories in Ice: Connect, Learn, Act', and will focus on the human story of the cryosphere.
- A training opportunity is being funded by the U.S. National Science Foundation (NSF) and the Scientific Committee on Antarctic Research (SCAR) INSTabilities & Thresholds in ANTarctica ([INSTANT](#)) Programme: [GLacial Sedimentation School \(GLASS\): Interpreting past climate using Antarctic and Greenland sediment cores](#) (23-27 May 2022). Apply by 7 January 2022.
- 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 OSC will feature a comprehensive schedule of meetings, symposia, virtual side events and social activities, daily plenary lectures and poster sessions in an innovative online format. [The Pre-Conference Flyer is available here](#). The **SCAR Business Meetings** will precede the Open Science Conference and meet online from **27-29 July 2022**. The **SCAR Delegates** will meet from **5-7 September 2022** and the Meeting is tentatively scheduled to be in-person in India (with limited online facilitation of reporting).

## Opportunities

### Opportunities from the SCAR Community and wider research community

- [PhD opportunity](#) at the University of Hull on 'Assessing the threat to Antarctic shallow marine ecosystems from hitchhikers on non-native kelp'. Applications close **5 January 2022**.
- [Two Assistant Professor positions](#) open at the Department of Geography, Durham University, UK. Applications are particularly encouraged from those with an interest in water and climate and biogeochemistry. Deadline **9 January 2022**.
- Cardiff University, UK, is currently advertising two PhD positions in 1) [ice shelf hydrology and stability modelling](#), and 2) [microbiology and ice shelves](#). Closing date **10 January 2022**.
- Dartmouth College is looking for a [Polar Oceanographer](#). The application portal for this tenure track position closes **14 January 2022**.
- [Postdoctoral Research position](#) at the University of Cambridge, UK on improving probabilistic models for automated alignment of Paleoclimate records. The closing date for applications is **24 January 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**.
- [A PhD opportunity](#) is available at the University of Tasmania (UTAS) working with Associate Professor Meredith Nash on 'Recruiting the polar workforce of the future'. The closing date is **7 March 2022**.

## Image of the Month



Our image of the month celebrates midsummer and 24-hour sunlight in Antarctica. The beautiful scene was captured by Anton Van de Putte.

To share your photos or news please email [info@scar.org](mailto:info@scar.org). We love hearing from you!



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