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## Introduction from the SCAR Secretariat

Welcome to our August newsletter!

The [10th SCAR Open Science Conference](#) was held online from 1-10 August and it was great to see so many of you there. The conference was hosted by the National Centre for Polar and Ocean Research ([NCPOR](#)), who will also be hosting the upcoming SCAR Delegates Meeting (5-7 September). With over 1,500 participants, 64 events and 5 satellite meetings, the conference showcased the whole breath of Antarctic research. We hope you had the chance to discuss new ideas, present your latest findings, make new connections and refresh old ones. We especially enjoyed reading about your impressions and experiences on social media using the hashtag [#SCAR2022](#).

We are looking back at eight days of plenary sessions, mini-symposia, parallel sessions and workshops. The first week of events finished with the closing ceremony, where we also awarded the [2022 SCAR Medals](#) - congratulations to the 2022 recipients Pippa, Elisabeth, Bethan and Stephen! All the events are still available for you to watch in the past events section on the [Events Platform](#). The recordings will also be uploaded to our [SCAR YouTube channel](#). We hope you enjoyed the conference and are already looking forward to seeing you at the next Open Science Conference in Pucón, Chile, in 2024.

In the meantime, our groups and Scientific Research programmes are more active than ever, with a number of workshops scheduled for this autumn. Research Theme 3 of Ant-ICON will be hosting an [interactive workshop](#) in Cambridge, UK, later this month. The [3rd circular](#) for the AntClimNow workshop, also to be held in Cambridge, UK, in September has just been published. Registration is still open for the INSTANT workshop "[The future of geodetic-geophysical observational networks in Antarctica](#)" to be held in Fort

Collins, Colorado, USA, at the end of September. Finally, have a look at the recordings of the [First International Workshop on Antarctic RINGS](#), which was held in June in Tromsø, Norway, this past June.

As always, this newsletter also features updates, opportunities and upcoming events from the SCAR community and beyond, such as a new [graphic novel on a mysterious disease in Antarctic fish](#).

If you have something you'd like us to share in the next newsletter, please [let us know!](#)

With best wishes,  
*The SCAR Secretariat*

## Featured News

CONGRATULATIONS TO THE

# 2022 SCAR MEDAL RECIPIENTS

DR PIPPA WHITEHOUSE

PROF ELISABETH SIKES

DR BETHAN DAVIES

PROF STEPHEN ACKLEY

Joint Medal for Excellence in Antarctic Research

Medal for Education and Communication

Medal for International Scientific Coordination

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### 2022 SCAR Medal recipients announced

SCAR is delighted to announce the recipients of the 2022 SCAR Medals.

The 2022 SCAR Medal for Excellence in Antarctic Research is jointly awarded to [Prof Pippa Whitehouse](#) of Durham University, UK and [Prof Elisabeth Sikes](#) of Rutgers University, USA. Prof Whitehouse is a leading expert on glacial isostatic adjustment (GIA), the response of the solid Earth to changes in ice and ocean loading as ice sheets change with time. Prof Sikes' contributions to

Southern Ocean/ Antarctic Science spans her involvement in the science communities in three countries (Australia, New Zealand and the United States).

The 2022 SCAR Medal for International Scientific Coordination is awarded to [Prof Stephen Ackley](#) of the University of Texas at San Antonio, USA. Prof Ackley has initiated, undertaken, or participated in several international programmes and partnerships, including the SCAR Expert Group on Antarctic Sea Ice Processes and Climate for which he was the founding Chair in 1998.

The 2022 SCAR Medal for Education and Communication is awarded to [Dr Bethan Davies](#) of of Royal Holloway University and Newcastle University, UK. Dr Davies wrote and developed the [Antarctic Glaciers website](#) as part of her commitment to outreach, education and communication.

The 2022 SCAR Medals were awarded during the Closing Ceremony of the SCAR 2022 Open Science Conference. [Click here to watch the recording.](#)

[Read more on the 2022 SCAR Medal recipients](#)

## SCAR News

### 10th SCAR Open Science Conference

We loved seeing so many of you at the 10th SCAR Open Science Conference. All the events are now available from the "Past Events" section on the [Events Platform](#), so make sure to revisit the events there.

Here is a small selection of our programme:

- [Opening Ceremony](#)
- [Closing Ceremony](#)
- [Prof. Sophie Nowicki: Understanding and Projecting the Antarctic Ice Sheet: A Community Challenge](#)
- [A/Prof. Ceridwen Fraser : Southern Ocean Diversity and Connectivity: Surprises and](#)



## [New Directions](#)

- [Highlights of SCAR's Scientific Research Programmes](#)
- [The Discovery of the Endurance](#)



## **First International Workshop on Antarctic RINGS playlist on YouTube**

All the recordings of the First International Workshop on Antarctic RINGS (27-30 June 2022), which was held in Tromsø, Norway, are now available to watch on the [SCAR YouTube channel](#).

You can learn more about the RINGS Action Group [here](#).

## **AntClimNow Workshop: 3rd Circular**

There are limited in-person places remaining for the [AntClimNow Workshop](#): "Connecting Models and Observations of the Antarctic Climate System Across Timescales". The workshop will be held at the British Antarctic Survey, UK, from 28-30 September 2022. Invited speakers include Cécile Agosta, Joellen Russell and Étienne Vignon.

[Registration for in-person attendance](#) closes 4 September 2022 at 5pm UTC.



## **Interactive Ant-ICON Research Theme 3 Workshop, 12-13 September 2022**

Research theme three (R3) of [Ant-ICON](#) will be running an [interactive workshop](#) at the Scott Polar Research Institute in Cambridge, UK, from 12-13 September 2022, to examine Antarctic conservation from a comparative perspective.

An online follow-up workshop will take place on 26 September at 19:00 UTC.

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**INSTANT Workshop "The future of geodetic-geophysical observational networks in Antarctica", 29 Sep-1 Oct**

SCAR INSTANT SC2.2 "Probing the Solid Earth and its Interactions" will be hosting the workshop "[The future of geodetic-geophysical observational networks in Antarctica](#)" (29 September-1 October 2022) in Fort Collins, Colorado, USA.

Registration and application to apply for travel support closes on 5 September.



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## Community News

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

- [Submission for applications](#) to host a side event at the [COP27](#) Cryosphere Pavilion (6 - 18 November 2022, Sharm El-Sheikh, Egypt) is open until **31 August 2022**.
- Nominations for the IASC Medal is now open. Nominations can be submitted to the [IASC Secretariat](#) until **31 October 2022**.
- [So-CHIC Visualisation contest](#): The Southern Ocean Carbon and Heat Impact on Climate ([SO-CHIC](#)) is running a visualisation/illustration contest to describe the SO-CHIC project. The contest is open for submissions **4 September–31 October 2022**.

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

- A new article "[A parasite outbreak in notothenioid fish in an Antarctic fjord](#)", published in *iScience*, discusses a novel unicellular parasite in Antarctic fish. An accompanying graphic novel "[A mysterious disease in Antarctic fish](#)" has also been published and is available to download for free in 5 languages.

## A mysterious disease in Antarctic fish

By Chloe DaMommio,  
John H. Postlethwait,  
and Thomas Desvignes



- 'Dissolved organic carbon and nitrogen cycling along the west Antarctic Peninsula during summer' in [Progress in Oceanography](#).
- 'A limit on the evolutionary rescue of an Antarctic bacterium from rising temperatures' in [ScienceAdvances](#).
- 'Protecting environmental and krill fishery impacts on the Antarctic food web in 20100' in [Progress in Oceanography](#).
- 'Macro- and Microplastics in the Antarctic Environment: Ongoing Assessment and Perspectives' in [Environments](#).
- Chapter in Book: 'Polar and Cryospheric Remote Sensing Using sUAS' in [sUAS Applications in Geography](#).
- 'Emerging biological archives can reveal ecological and climatic change in Antarctica' in [Global Change Biology](#).
- 'Geoscience research in East Antarctica (0°E - 60°E): present status and future perspectives' in [Geological Society](#).

## Events

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

- Svalbard Integrated Arctic Earth Observing System (SIOS) is organising a week-long [training course](#) on AI applications in Longyearbyen, Svalbard, from **5-9 September 2022**.
- The 35th international Forum for Research into Ice Shelf Processes ([FRISP 2022](#)) will run from **19-22 September 2022**. The last call for registration just went out. The meeting will be in-person only at Slaley Hall in Northumberland, UK.

- [DEEPICE Summer school on modelling and statistics](#) will take place in Bremerhaven, Germany from **19-23 September 2022**.
- The [5th International ANGWIN Workshop](#) will be held in Icheon, Korea from **5-7 October 2022**.
- The conference: [Tipping Points - From climate crisis to positive transformation](#) (**12-14 September 2022**) will take place at University of Exeter, UK.
- The [IV Chilean Conference on Antarctic Law](#) will be held on **9-10 November 2022** in hybrid mode.
- [ASSW 2023](#) will take place in Vienna, Austria, from **17-24 February 2023**. The deadline for abstract submission is 20 September 2022.
- The 6th [European Conference on Permafrost](#) will be held in Puigcerdà, Spain, from **18-22 June 2023**. The call for abstract submissions will open September 2022.
- The SOOS Symposium '[Southern Ocean in a changing world](#)' will be held **14-18 August 2023** in Hobart, Australia. The Symposium will consist of plenary presentations, parallel sessions and workshops.

## Opportunities

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

- [Collections Coordinator](#): The Polar Museum is looking for an organised and enthusiastic museum professional to manage its collection of polar artefacts and artworks. The deadline for applications is **1 September 2022**.
- [Senior Project Manager - Air infrastructure](#) at BAS. The deadline for applications is **4 September 2022**.
- [Marine Ecosystems Modeller](#) at BAS. The deadline for applications is **11 September 2022**.
- [Field Safety Coordinator](#) McMurdo Station at PAE. No deadline.
- [Postdoctoral Research Associate](#), University of Arizona / Princeton, New Jersey. No deadline.

## Image of the Month



Whether it was from your home office, your garden or even a mountain top, we loved seeing your images of where you joined the [10th SCAR Open Science Conference](#) from. Amanda (left) sent us her image joining the conference from tranquil Lake Tahoe, USA, while Inga (right) attended one of the workshops enjoying this breathtaking view from the Bavarian Alps.

We love seeing photos from SCAR scientists so get in touch at [info@scar.org](mailto:info@scar.org) if you'd like to share yours!



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