



## Introduction from the SCAR Secretariat

Welcome to our March newsletter!

This month we are thrilled to share a new [interactive data map](#) of persistent organic pollutants in Antarctica and the Southern Ocean. You can explore the [map](#) for free online and download the full dataset from [Zenodo](#).

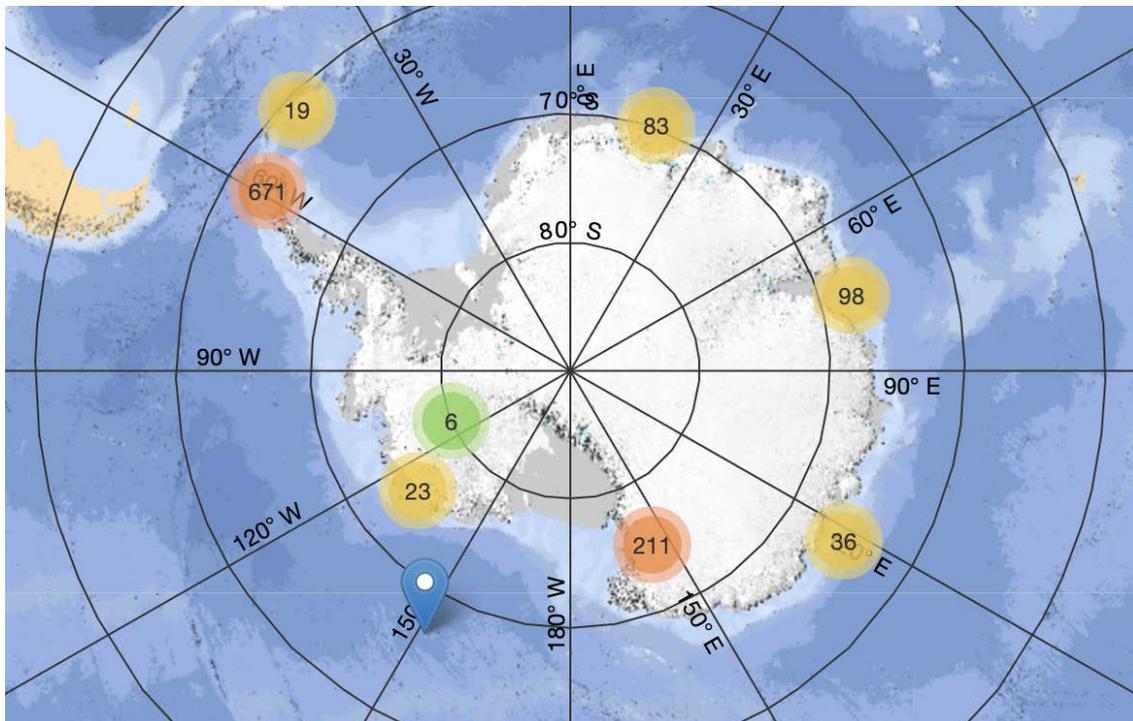
Last month we highlighted a report from a past Visiting Scholar, and now we're pleased to share the recipients of the [SCAR Visiting Scholarships](#). We look forward to being able to report on their scholarships in future. And there's more capacity building news! The inaugural SCAR Ant-ICON/SC-ATS science-policy fellowship programme [has its first fellows](#). Congratulations to all recipients!

There's a lot of conference news at the moment, and this month is no different. In this newsletter we shared support available to attend the [SCAR INSTANT Conference](#) and the [SCAR Biology Symposium](#) later this year. Be sure to check deadlines as some options are closing soon!

We also have news about events, opportunities, and publications, including some exciting publication updates. Several translations are now available of the book [Antarctic Volcanism: Explore the Remotest Volcanoes of the Planet](#) and a [new book on the Antarctic Mantle](#) was initiated by discussions at SCAR conferences with the former SERCE Research Programme and current AntVolc Expert Group. Please do continue to send us publications to feature in the newsletter, as we are always delighted to hear about new publications from the SCAR and wider community.

With best wishes,  
*The SCAR Secretariat*

**Featured News**



### Interactive Data Map on Persistent Organic Pollutants Concentrations

We are excited to share a new interactive data map of persistent organic pollutants concentrations in Antarctica and the Southern Ocean. The map was created using data from journals and other publications.

The map is a product of the Action Group on Input Pathways of persistent organic pollutants to AntarCTica ([ImPACT](#)) and the Expert Group on Antarctic Biodiversity Informatics ([EG-ABI](#)).

Support was provided by the Southern Ocean Persistent Organic Pollutants Program ([SOPOPP](#)) at Griffith University and the Integrated Digital East Antarctic program at the [Australian Antarctic Division](#).

The full database can be [downloaded from Zenodo](#).

[Explore the map here](#)

## SCAR News

### SCAR Visiting Scholars announced

We are pleased to announce [the recipients of the SCAR Visiting Scholarships](#). Scholarships have been awarded to Dr Angelika Renner (Norway),



Dr Silvia Dotta (Brazil) and Dr Theodore Scambos (USA). We are looking forward to hearing about the outcomes of their Visiting Scholarships in the future. The call for the 2023 Visiting Scholarships will open later this year.



### SCAR Biology Symposium travel grants

Early career researcher support is still available for the XIII SCAR Biology Symposium (31 July - 4 August 2023, Christchurch, New Zealand). A full overview of all funding opportunities is available from the [conference website](#).

### Ant-ICON | SC-ATS science-policy fellowship recipients announced

Congratulations to Lucy Zielger (Uruguay) and Kirsten Steinke (US), the recipients of the inaugural SCAR [Ant-ICON | SC-ATS science-policy fellowship programme](#) for early-mid career researchers (EMCRs).



### SCAR INSTANT conference travel grants

The organisers of the INSTANT Conference 2023 will be offering a limited number of [travel grants](#) to participate in the conference in Trieste from 11-14 September. Grants may cover part or all of the travel costs associated with participating in the conference. Applications will be considered only upon abstract submission. The application deadline is 3 April 2023.

## Community News

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

- Reminder: The SCAR Action Group on Public Engagement with Antarctic Research Action Group ([PEAR](#)) is running a [global mapping project](#) on public

engagement activities in the Antarctic sector. The survey closes **30 April**.

- The Korea Polar Research Institute (KOPRI) is now accepting applications for the second call for [KOPRI Fellowship Program 2023](#). Applications are open until **25 May**.
- SCAR and the Scientific Committee on Oceanic Research ([SCOR](#)) invite nominations of qualified individuals to serve on the [SOOS Scientific Steering Committee](#) for terms beginning 1 August 2023. Nominations (including self-nominations) are due by **31 May**.

## Publications from the SCAR and wider research community

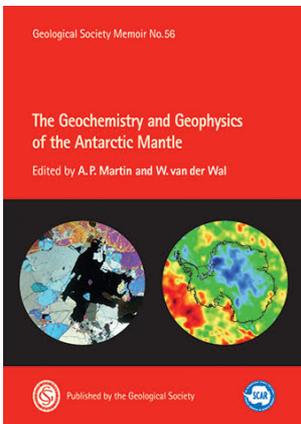
- The Spanish and Italian version of "Antarctic Volcanism: Explore the Remotest Volcanoes of the Planet" are now out. The book showcases the fascinating volcanoes located in Antarctica, how scientists are able to study them and what happens when a volcano erupts under the ice. Click here to read the [English](#), [Italian](#) and [Spanish](#) versions for free.



- 'Cryptophytes: An emerging algal group in the rapidly changing Antarctic Peninsula marine environments' published in [Global Change Biology](#).
- 'IceLines - a new data set of Antarctic ice shelf front positions', published in [Scientific Data](#).
- 'Habitat severity characteristics structure soil communities at regional and local spatial scales along the Antarctica Peninsula', published in [Antarctic Science](#).
- 'The age and chemistry of granitic gneisses from the western H.U. Sverdrupfjella, Maud Terrane, western Dronning Maud Land, Antarctica,' published in [Lithos](#).

## Research Feature

A new book, "[Geophysics and Geochemistry of the Antarctic Mantle](#)", is now published by Geological Society London. The volume was initiated by discussion at past SCAR conferences, specifically the former [SERCE](#) Research Programme and



the current [AntVolc](#) Expert Group. This book is a cross-disciplinary reference work combining geochemistry and geophysics to characterise Antarctic mantle properties.

## Events

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

- The [2023 SC-HASS Biennial Conference](#) 'The Antarctic for a Better World' will take place in Lisbon, Portugal from **22-24 June 2023**. The deadline for early bird registration is 1 May 2023.
- The [28th Assembly of the International Union of Geodesy and Geophysics](#) (IUGG) will be hosted in Berlin, Germany from **11-20 July 2023**. The early bird registration deadline is 28 April 2023.
- The [New Zealand – Australia Antarctic Science Conference 2023](#) will take place from **25-28 July 2023** in Ōtautahi Christchurch, New Zealand. Abstracts are now open. To find the list of session themes and the submission portal are available from the [conference website](#).
- The [XIII SCAR Biology Symposium](#) will be held in Christchurch, New Zealand (**31 July-4 August 2023**). Early bird registration closes 23 May 2023. More [important dates](#) are listed here.
- The SOOS Symposium '[Southern Ocean in a changing world](#)' will be held **14-18 August 2023** in Hobart, Australia.
- The [SCAR INSTANT Conference](#) will take place in Trieste, Italy from **11-14 September 2023**. The abstract submission deadline is 3 April 2023.

## Opportunities

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

- British Antarctic Survey (BAS) currently has a vacancy for a [Ice Core Gas Lab Postdoctoral Researcher](#). This is a fixed-term appointment for 12 months.

Deadline **2 April**.

- The University of Victoria, in Canada, is hiring a [chair in remote sensing](#) at the associate or full professor level. Deadline **14 April**.
- The Climate and Environmental Physics division at the University of Bern are looking for a [Postdoctoral Researcher](#) interested in the interface between ice sheet modelling and the radiostratigraphic record of the Antarctic and Greenland ice sheets. Deadline **15 April**.
- [Lecturer/Senior Lecturer in Ecology](#) at the University of Edinburgh (UK). Deadline **17 April**.
- The Polar Geospatial Center at the University of Minnesota is hiring for an [Applications Developer](#). Open until filled.

## Image of the Month



Our image of the month shows some penguins relaxing in East Antarctica. The image was taken by Tobias Stål during fieldwork carried out with the Australian Antarctic Division.

Do you have any impressions you'd like to share with us?

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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