



## Introduction from the SCAR Secretariat

Welcome to our August newsletter!

In this issue, we are thrilled to announce the inception of the Antarctic Monitoring and Assessment Programme ([AnMAP](#)) as a new body under SCAR. AnMAP's primary mission is to facilitate the collection of robust and reliable chemical observation data from the Antarctic region. This data will play a pivotal role in offering advice for shaping international chemical policies.

We are delighted to share updates about our newly formed groups and networks. The workshop report for the Antarctic Radiation Regional Network ([ARRN](#)) is now available. Delve into the ways this group is elevating observations at the southernmost latitudes, unveiling the intricate links between irradiance and temperature fluctuations. Furthermore, we are pleased to present the meeting report from the inaugural gathering of our new Programme Planning Group Antarctic Geospace and Atmospheric Research ([AGATA](#)), which took place during the IUGG General Assembly.

Preparations for the 2024 SCAR Open Science Conference (OSC) in Pucón, Chile, are advancing smoothly. We extend our gratitude for your valuable feedback and suggestions regarding the draft parallel sessions and we will be in touch shortly with further information. We now warmly invite you to send us your suggestions for dedicated and interactive Mini-Symposia to be held during the OSC. Kindly [submit your proposals](#) by Monday, 25 September 2023.

Our newsletter also highlights a new [EDI statement](#) from the Equality, Diversity, and Inclusion Action Group (EDI AG). The group is dedicated to fostering a more equitable and inclusive future for Antarctic science and beyond.

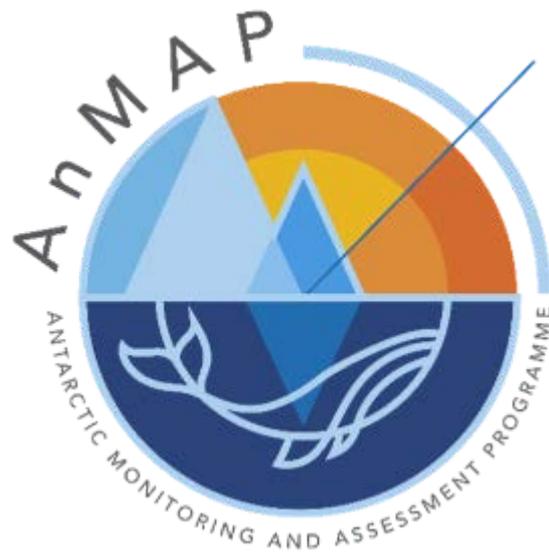
Additionally, we've curated a selection of opportunities, events, and publications from both the SCAR community and the broader sphere. The recent SCAR Biology Symposium is featured in an [article in \*The Guardian\*](#), shedding light on

recent extreme events in Antarctica and underscoring the urgent need for proactive measures. A newly published article in *Nature Communications* delves into how the unprecedentedly low Antarctic sea ice in 2022 resulted in a disastrous breeding failure among [emperor penguins](#).

Your contributions are valuable to us! If you have content you'd like us to feature, please don't hesitate to reach out to us at [info@scar.org](mailto:info@scar.org). We always appreciate hearing from you.

With best wishes,  
*The SCAR Secretariat*

## Featured News



## Inception of the Antarctic Monitoring and Assessment Programme (AnMAP)

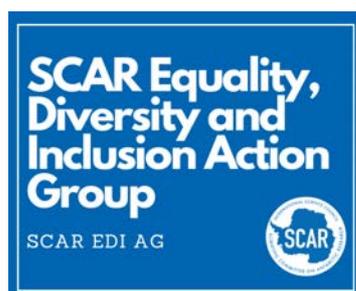
This month marks the inception of the Antarctic Monitoring and Assessment Programme (AnMAP) as a new body under SCAR. AnMAP has been established in recognition of the planetary chemical pollution crisis, and the unique value of the Earth's Polar Regions as barometers of Planetary Health. AnMAP has been co-developed with the Arctic Monitoring and Assessment Programme ([AMAP](#)), will be hosted by [Griffith University](#), and is a [UN Ocean Decade Project](#).

AnMAP was a founding objective of the SCAR [ImPACT](#) group, and the two SCAR bodies will work closely to facilitate standardised, quality-assured, continuous chemical observation data is generated and synthesised for policy.

[\*Find out more\*](#)

---

## SCAR News



### EDI Statement released

The 2022 approved SCAR EDI AG (Equality, Diversity and Inclusion Action Group) is tasked with looking at how EDI issues can be effectively dealt with within SCAR and what practical actions are relevant for the organisation. The group has now released an [EDI statement](#) stressing the

goal of a more equitable and inclusive future for Antarctic science and beyond.

---

## Call for proposals for 2024 SCAR Open Science Conference Mini-Symposia

We kindly invite you to send us your [proposals for Mini-Symposia](#) for the 2024 SCAR Open Science Conference in Pucón, Chile (19-23 August 2024). The Mini-Symposia encourage cross- and trans-disciplinary interactions and to expose a wide audience to science they might not otherwise encounter. Mini-Symposia are dedicated, interactive interdisciplinary events that highlight the timeliest and most cutting edge topics proposed by the community. Send us your suggestions by Monday, 25 September 2023.



**AGATA**  
ANTARCTIC GEOSPACE  
ATMOSPHERE RESEARCH

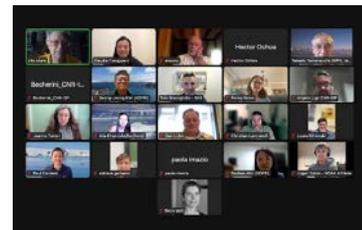
## AGATA Kickoff Meeting Report

The Antarctic Geospace and Atmospheric Research (AGATA) Programme Planning Group [kickoff meeting](#) was held in Berlin during the IUGG General Assembly and online.

---

## Antarctic Radiation Regional Network (ARRN) workshop report

Earlier this month an [online workshop](#) and side-meeting at IUGG 2023 were held with the aim of establishing an Antarctic Radiation Regional Network.



---

## Community News

News from the SCAR community and wider research community.

- SOOS has published a [joint statement](#) and urgent call for action following the 2023 SOOS Symposium 'Southern Ocean in a Changing World'.
- Individuals who have been part of polar fieldwork/expeditions of at least two weeks in length since June 2021 are invited to participate in the first part of a research study on “[team trust dynamics in Polar environments](#)”. All questions should be directed to the primary investigator, [Andres Käosaar](#). The questionnaire requires 10 minutes to complete.
- The International Cryosphere Climate Initiative (ICCI) is seeking [ECR volunteers](#) for the Cryosphere Pavilion at COP28, to be held in Dubai, United Arab Emirates, from 30 November – 12 December 2023. The application deadline is 4 September 2023.
- The Brazilian Ministry of Science, Technology and Innovation (MCTI) and the National Committee for Antarctic Research (CONAPA) have just published the [Ten-Year Plan for Antarctic Science in Brazil \(2023-2032\)](#).

## Publications from the SCAR and wider research community



SCAR’s recent Biology Symposium features in an article in *The Guardian*, titled “[Antarctica’s heatwaves are a warning to humanity – and we have only a narrow window to save the planet](#)”.

- 'Antarctic iceberg melt rate variability and sensitivity to ocean thermal forcing', published in the [Journal of Glaciology](#).
- 'Quantifying circumpolar summer habitat for Antarctic krill and Ice krill, two key species of the Antarctic marine ecosystem', published in [ICES Journal of Marine Science](#).
- 'Surgical training strategies for physicians practicing in an isolated environment: an example from Antarctica. International survey of 13 countries with active winter stations', published in the [International Journal of Circumpolar Health](#).
- 'Record low 2022 Antarctic sea ice led to catastrophic breeding failure of emperor penguins', published in [Nature Communications Earth & Environment](#).

## Events

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

- The [SCAR INSTANT Conference](#) will take place in Trieste, Italy from **11-14 September 2023**. We wish everyone attending a successful conference!
- [The Polar Science, Technology, Archaeology and Heritage Conference](#) will be held on **14 and 15 September 2023**. The conference will be based in Christchurch, Aotearoa New Zealand, with an online attendance option.
- The [Polar Data Forum V](#) is going to be held from **30 October- 3 November 2023** at the British Antarctic Survey, UK, and online. Registration is now open and there is no fee for attending.
- The [2024 Ocean Science Meeting](#) will take place from **18-23 February 2024** in New Orleans, Louisiana. The abstract submission deadline is 13 September 2023. The conference will include a session on “Breaking Barriers: Bridging the Gap in Methodologies and Data Reporting for Ocean Biogeochemistry”.
- The [7<sup>th</sup> ICES/PICES Zooplankton Production Symposium](#) will be held in Hobart, Australia, from **17-22 March 2024**. The abstract submission closes 30 September 2023.
- [The Southern Ocean Summer School 2024](#) will take place in Corsica from **7-14 May 2024**, at the [Institut d’Etudes Scientifiques de Cargèse \(IESC\)](#). The school aims to provide a comprehensive overview of the challenges faced by Southern Ocean science. The registration deadline is 31 October 2023.
- The [SCAR Open Science Conference 2024](#) “Antarctic Science: Crossroads for a New Hope” will be held in Pucón, Chile from **19-23 August 2024**. The conference will feature a comprehensive programme of plenary lectures, mini-symposia, parallel sessions, panel discussions, posters and various opportunities for social activities and excursions in and around beautiful Pucón. We kindly invite you to send us your [proposals](#) for Mini-Symposia by 25 September 2023.

## Opportunities

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

- SOOS is looking for a new [Data Officer](#). The role will be based at IMAS, Hobart, Australia, and leads efforts to build and maintain community and

data systems needed to make Southern Ocean observational data more FAIR (Findable, Accessible, Interoperable, and Reusable). Deadline **1 September 2023**.

- CSIRO's CarbonLock Future Science Platform (FSP) is seeking a [Postdoctoral Fellow in Ocean Carbon Modelling](#), based in Hobart, Australia. Deadline **8 September 2023**.
- The Australian Antarctic Program Partnership is recruiting a [Sea Ice Quantitative Biogeochemist](#). Applications close **24 September 2023**.
- [A position for a 2 year Ocean Modelling Postdoctoral Researcher](#) is available at Oregon State University's College of Earth, Ocean, and Atmospheric Sciences. Position is open until filled, or until **30 September 2023**.
- The University of Liverpool have launched a new [five year fellowship tenure track scheme](#) for any area of research (science, social science, humanities etc). A total of 50 awards will be made over the next five years, with the aim of developing future research leaders across a broad and diverse range of subjects in an inclusive and collaborative environment. Deadline **1 October 2023**.
- The University of Exeter (UK) is seeking a [Postdoctoral Research Associate](#) to work with global climate models to understand the processes controlling Antarctic Aerosols. Deadline **4 October 2023**.
- The University of Tasmania is [currently advertising multiple PhD places](#) with Antarctic themes, including:
  - "[The changing shape of Antarctica](#): GPS measurement of deformation of East Antarctica". Deadline **25 September 2023**
  - "[Antarctic Oceanography in the warm past](#)". Deadline **25 September 2023**.
  - "[Open mixing under Antarctic sea ice](#)". Deadline **1 November 2023**.

## Image of the Month



On 11 August we celebrated World Krill Day and embraced the splendour of Antarctica's biodiversity. Let's continue to unlock the mysteries of krill, ensuring a sustainable future for both Antarctica and our planet.

*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!



---

*Copyright © 2023 SCAR, All rights reserved.*

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