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## Introduction from the SCAR Secretariat

Welcome to our October newsletter!

We look back at a busy month and are looking forward to exciting events and opportunities ahead. Today is the last day to apply for the 2022 SCAR Visiting Scholar scheme, so make sure to submit your details in time. The application process for the scheme is very straightforward and all information can be found on the [Visiting Scholars page](#).

The [XIII SCAR Biology Symposium](#) will take place in Christchurch, New Zealand, from 31 July - 4 August 2023 and we are excited to share the [first announcement](#) in this newsletter. The call for abstracts opens 7th December.

If you are a researcher working on projects on Antarctic or sub-Antarctic plastic pollution, you are invited to contribute to a new [open access repository](#) from the SCAR Plastic-AG.

The [full list of recordings](#) from the 10th SCAR Open Science Conference is now available from the SCAR YouTube channel. Make sure to browse through the different events or watch the presentations ordered by [playlist](#). We are grateful to be able to present such a breadth of research on our channel and would like to thank all convenors and presenters for their work.

Also featured in this month's edition is the new [SCAR Data Policy \(2022\)](#), which is now available from our library, and the [Fellowship report](#) from SCAR Fellow Dr Morgan Seag, who examined gender inequality in international Antarctic research for her project.

As always, there are also a range of publications included in this newsletter,

such as a new paper on the [impact of COVID-19](#) on polar research projects and an editorial on [Antarctic marine life under pressure](#), published in time for the 41th CCAMLR Meeting. We warmly encourage you to share your photos, news or other relevant updates with us for next month's edition.

With best wishes,  
*The SCAR Secretariat*

## Featured News



### **XIII SCAR Biology Symposium 2023** **31 July - 4 August 2023, Christchurch, New Zealand**

The XIII SCAR Biology Symposium will be held in Christchurch, New Zealand. Read the [first announcement](#) here.

The Symposium will offer four days of invited keynotes, plenaries, and concurrent sessions, with a mid-week break of excursions to allow attendees to enjoy some of the most spectacular parts of New Zealand's South Island. Satellite meetings and workshops will be held during the weekends before and after the meeting.

The call for abstract opens 7th December 2022 and closes 21st March 2023. A full list of [important dates](#) is available from the conference website.

[\*Click here to visit the conference website\*](#)

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# SCAR News

## SCAR Report (No 42): SCAR Data Policy 2022

We are pleased to announce that the latest SCAR Report (number 42) is now published on the website.

It contains the **SCAR Data Policy (2022)** and is available to view and download from the [SCAR Library](#).



## Call for input for repository on plastic pollution projects in the Antarctic

The [SCAR Plastic-AG](#) is collating data for an open access repository summarising national and international projects focused on plastic pollution in the Antarctic and Sub-Antarctic regions. Fill out [this form](#) with information related to your ongoing and past active project(s) on Antarctic/sub-Antarctic plastics if you'd like to contribute. The deadline for submissions is 30 November.

## 10th SCAR Open Science Conference - YouTube channel

The presentations from the [10th SCAR Open Science Conference](#) earlier this year are now available from the SCAR YouTube channel. You can see an overview of all videos [here](#) or browse the channel by playlist:

- [Plenary sessions](#)
- [Physical Sciences](#)
- [Geosciences](#)
- [Life Sciences](#)
- [Humanities and Social Sciences](#)
- [Cross-disciplinary topics](#)





## SCAR Fellowship Report from Morgan Seag (UK)

The [Fellowship report](#) from SCAR Fellow Dr Morgan Seag is now available from our website. Morgan worked on the project "Toward an intersectional framework for understanding gender inequality in international Antarctic research". Her home institute was the Scott Polar Research Institute, UK, and she was hosted by the Institute for Marine and Antarctic Studies, University of Tasmania in Australia, where she worked with Dr Hanne Nielsen and Prof Meredith Nash.

## Workshop Reports



### [AntClimNow Workshop](#)

"Connecting Models and Observations of the Antarctic Climate System Across Timescales"  
28-30 September 2022  
British Antarctic Survey, UK



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Get in touch with us at [info@scar.org](mailto:info@scar.org) to send us your pictures and reports from SCAR meetings.

Also, don't forget to check the [SCAR Events calendar](#) for any upcoming events.

## Community News

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

- HSH Prince Albert II of Monaco recently published an [op-ed in the Boston](#)

[Globe](#) as part of the [2Poles1Future campaign](#). The campaign was led by the Prince Albert II of Monaco Foundation and its partners in the Polar Initiative - SCAR, IASC and the Oceanographic Institute of Monaco. The initiative has also published a series of interviews with researchers on their [YouTube channel](#).

- COP27 will take place from 6-18 November 2022 in Sharm El-Sheikh, Egypt. SCAR supports the [COP27 Cryosphere Pavilion](#), which will feature events and exhibits on dedicated focus days. The full programme of the Pavilion is available through the International Cryosphere Climate Initiative (ICCI) [website](#) and will be live streamed through SCAR's social media channels.

## Publications from the SCAR community

- A new editorial by Bettina Meyer and So Kawaguchi, leaders of the [SCAR Krill Expert Group](#), discusses the importance to better understand krill biology and krill interaction with its predators and improved management of krill fishing. "[Antarctica marine life under pressure](#)" was published in *Science*.
- A new article in *Nature* examines the [impact of COVID-19 on polar research projects](#) and highlights the work of the [SCAR Antarctic COVID-19 Project](#).

## Publications from the wider research community

- 'Seasonal variability of net sea-air CO<sub>2</sub> fluxes in a coastal region of the northern Antarctic Peninsula', in [Scientific Reports](#).
- 'Review of Environmental Monitoring by Means of Radio Waves in the Polar Regions: From Atmosphere to Geospace', in [Surveys in Geophysics](#).
- 'Modelling the Impact of Temperature under Climate Change Scenarios on Native and Invasive Vascular Vegetation on the Antarctic Peninsula and Surrounding Islands', in [Geomatics](#).
- 'Area and borders of Antarctic and permafrost-A review and synthesis Antarctic, Antarctic permafrost extent, permafrost', in [Permafrost and Periglacial Processes](#).
- 'A Review of Atmospheric Aerosols in Antarctica: From Characterization to Data Processing', in [Atmosphere](#).

## Events

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

- The [IV Chilean Conference on Antarctic Law](#) will be held **9-10 November 2022** in hybrid mode.
- The [AGU Fall Meeting](#) will be held in Chicago and online, from **12-16 December 2022**.
- [ASSW 2023](#) will take place in Vienna, Austria, from **17-24 February 2023**.
- The 6th International [EcoSummit](#) will take place in Gold Coast, Australia, from **13-17 June 2023**. The deadline for abstract submission is 16 December 2022.
- The 6th [European Conference on Permafrost](#) will be held in Puigcerdà, Spain, from **18-22 June 2023**. The call for abstract submissions closes 15 January 2023.
- [The Glacial Isostatic Adjustment Training School](#) will be held in Lantmäteriet, Gävle, Sweden from **3-7 July 2023**. Applications are open until 31 January 2023.
- The [28th Assembly of the International Union of Geodesy and Geophysics](#) (IUGG) will be hosted in Berlin, Germany from **11-20 July 2023**. Abstract submission closes 14 February 2023.
- The [XIII SCAR Biology Symposium](#) will be held in Christchurch, New Zealand (**31 July - 4 August 2023**). The call for abstracts opens 7 December 2022. 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 call for session proposals is open until 11 November 2022.
- The [SCAR INSTANT Conference](#) will take place in Trieste, Italy from **11-14 September 2023**. Day 1-3 are reserved for each [INSTANT](#) theme, Day 4 will focus on key priorities with external partners and stakeholders.

## Opportunities

### Opportunities from the SCAR Community and wider

## research community

- Two assistant or associate professor tenure track positions: [Hydrology](#) and [GIS](#), University of Montreal. Deadline **4 November 2022**.
- [Infrastructure Sustainability Strategy Manager](#), BAS. Deadline **6 November 2022**.
- [Postdoctoral researchers](#) position on sea ice modelling. Finnish Meteorological Institute. Deadline **7 November 2022**.
- [Rothera Renewables Project Engineer](#), BAS. Deadline **13 November 2022**.
- [Postdoctoral Research Associate](#) to analyse simulations of the Southern Ocean, University of Arizona / Princeton, New Jersey. Open until filled.
- [Two Master Theses](#): Microplastics in the Antarctic, AWI. Envisaged **start date early spring 2023**.

## Image of the Month



Our October image of the month certainly deserves our seal of approval! It was taken by [Nina Gallo](#).

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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