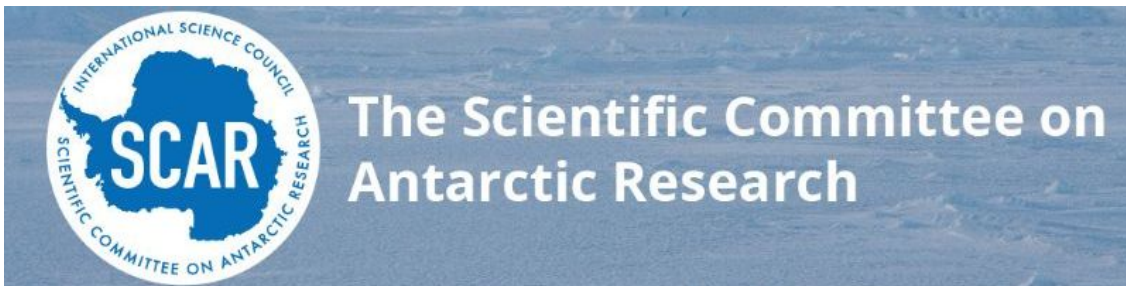


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## Introduction from the Executive Director

Welcome to the August edition of the SCAR newsletter. This month marks the return of the sun to Antarctica after the winter, which we've celebrated with the featured photo.

In this edition, we also reflect on the [recent IPCC report](#) and look forward to the upcoming [Southern Ocean Decade & Polar Data Forum Week](#).

We also feature a range of opportunities for researchers at different career levels in this month's newsletter. Early-career researchers should also make sure to have a look at the [BEPSII Exchange Program Award](#), while mid- to late-career researchers will be pleased to know that the deadline for the [2021 SCAR Visiting Scholar scheme](#) has been extended to 30 September.

We'd also like to remind you that the [Antarctic Environment Portal](#) is seeking to appoint a new Portal Editor. The main role of the Editor is to manage the development of content for publishing in the Portal and the regular updating of existing Portal content. Are you interested in this position? Please have a look at the [job description and person specification](#) and share the announcement with your colleagues.

As always, our newsletter also features a range of news from the SCAR and wider Antarctic community, as well as upcoming events, new publications, and opportunities. We warmly encourage you to share your news, photos, or other relevant updates with us for next month's edition.

- Chandrika Nath  
SCAR Executive Director

**Featured News**



## IPCC Working Group I Sixth Assessment Report

SCAR welcomes the [Working Group I: The Physical Sciences Basis contribution to the Sixth Assessment Report](#) of the Intergovernmental Panel on Climate Change (IPCC). The Report addresses the most up-to-date physical understanding of the climate system and climate change and improves our understanding of human influence on a wide range of climate characteristics. The Antarctic Peninsula, West Antarctica and some East Antarctic regions are projected to continue to warm in the 21st century at a rate greater than global. [Read more](#), including responses from SCAR President Dr Yeadong Kiim and SCAR Vice President for Science Prof Deneb Karentz.

[Read More](#)

## SCAR News

### SCAR Visiting Scholar Deadline Extended

The [deadline for Visiting Scholar applications](#) has been extended to Thursday **30 September 2021**. The 2021 [SCAR Visiting Scholar scheme](#) is open for applications from mid- to late-career stage scientists and academics (at least 5 years after completing their PhD). The scheme provides individual awards of up to USD \$5000. There will be significant flexibility with regard to the timing and visits can also be entirely virtual.



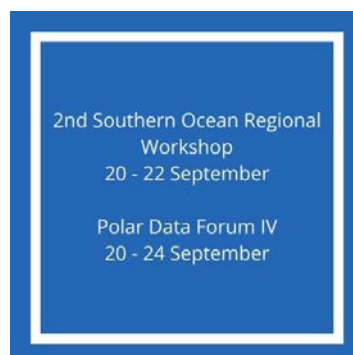


## Antarctic Environments Portal Recruiting Editor

A reminder that the [Antarctic Environments Portal](#) Editor position is open until **7 September 2021**. The Editor has lead responsibility for generating material for the Portal (mainly by commissioning from external authors) as well as managing the editing and review process. The position is remote and the Editor can be located anywhere globally. The working hours are 1-2 days/week on a contractor basis (18 months with the possibility of extension). Interested in applying? Please have a look at the [full job description and person specification](#).

## Southern Ocean Decade & Polar Data Forum Week

The Southern Ocean Task Force and the Organizing Committee of Polar Data Forum IV are pleased to announce that the [Southern Ocean Decade & Polar Data Forum Week 2021](#) will be convened on **20-24 September 2021**. This event will be dedicated to the 2nd Southern Ocean Regional Workshop for the UN Ocean Decade (20-22 September) and the 4th edition of the [Polar Data Forum](#) (20-24 September). [Register here](#).



## RINGS Logo Announced

The RINGS Action Group has just announced their [new logo](#). The team would like to thank the participants of the kick-off meeting for their comments on the initial design, designer Ørnulf Halvorsen for his work and the Norwegian Polar Institute's Antarctic Program for the financial support. The [RINGS Action Group](#) was formed earlier this year and aims to provide more accurate and complete reference bed topography data for robust assessments of ice discharge from all around Antarctica.

## BEPSII Exchange Program Award 2021

BEPSII has available at least 4000€ in funding to [support early-career scientists](#) in research collaborations and exchanges. BEPSII is particularly interested in supporting short visits between institutions but will also consider other relevant collaboration activities.

The deadline for applications is 10 September 2021.



## Community News

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

- The [CLIVAR/CliC/SCAR Southern Ocean Region Panel \(SORP\)](#) is seeking nominations for three new members via the [open call system](#), closing on **15 October 2021**.
- [Polar Impact](#) is an inclusive network of racial & ethnic minorities and allies in the polar research community. Make sure to subscribe to their [newsletter](#). Their mission is to support, connect, and highlight the stories of Black, Asian, Indigenous, people of colour, and minority ethnic professionals in the polar research community.

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

- A new publication, titled "[Visual Imaging of Benthic Carbonate-Mixed Factories in the Ross Sea Region Marine Protected Area, Antarctica](#)", has been published in *Minerals*. The paper investigates the abundance of calcifiers vs. non-calcifiers in the Ross Sea through a Remotely Operated Vehicle survey. The article is part of the Special Issue [Polar Marine Carbonates](#) and contributes to the [ANTOS Expert Group](#).
- A [new paper](#), entitled "Investigating the internal structure of the Antarctic ice sheet: the utility of isochrones for spatiotemporal ice-sheet model calibration," has been published in *The Cryosphere*.
- A new publication, titled "[High geothermal heat flow beneath Thwaites Glacier in West Antarctica inferred from aeromagnetic data](#)" has been published in *Nature Communications Earth & Environment*. The study contributes to the "Instabilities & Thresholds in Antarctica" ([INSTANT](#)) Scientific Research Programme.

## Events

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

- The Southern Ocean Observing System (SOOS) is turning 10. Join the team for a celebration of SOOS's achievements over the last decade and plans for the next decade. The [10-Year Celebration Online Event](#) will be held **1st September**, 11:00-13:00 UTC.
- The [Southern Ocean Decade & Polar Data Forum Week](#) will take place online **20-24 September**. Registration is now open.
- The [26th International Symposium on Polar Sciences](#) (ISPS2021) is scheduled to be held **27-29 September**. The conference theme is "Responding to Climate Crisis: Contributions of Polar Science and Technology".
- The [biennial SCAR SC-HASS conference](#) will be held **18-19 November**, hosted by the Polar Co-operation Research Centre of Kobe University. The conference theme is "The Global Antarctic".

## Opportunities

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

- The European Space Agency (ESA) is looking for a [Cryosphere and Hydrosphere Earth Observation Scientist](#). The position will be based at ESTEC, Noordwijk, Netherlands. The closing date for applications is **7 September 2021**.
- The WSL Institute for Snow and Avalanche Research SLF offers a two-year [postdoctoral position in Snow Hydrology](#) starting on November 2021. Submit your application by **15 September 2021**.
- The University of Birmingham, UK, is seeking a [postdoctoral research fellow](#) in the School of Bioscience, College of Life and Environmental Sciences, investigating mechanisms of adaptation to terrestrial Antarctica through comparative physiology and genomics of Antarctic and sub-Antarctic Insects. Closing date **15<sup>th</sup> September 2021**.
- The Oregon State University College of Earth, Ocean, and Atmospheric Science has two openings for [postdoctoral research positions](#) for up to



2.5 years. The application deadline for both positions is **30 September 2021**.

- A new [PhD project](#) focusing **on the role of sound in shaping experiences of Antarctica** is open to applications (closing date **29 October 2021**). The project is open to Australian and New Zealand and international applicants who are already in Australia (onshore) at the time of submitting their application.

## Image of the Month



August is the month in which sunlight returns to Antarctica after months of darkness. The first sunrise was beautifully captured by Cédric Albert at Concordia station. Photo reshared from the [Antarctic Report](#) with the kind permission of the photographer.

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



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