



Introduction from the Executive Director

Welcome to the October edition of the SCAR newsletter.

This week sees the start of the [COP26 UN Climate Change Conference](#) (31 October - 12th November 2021), which will be hosted by the UK in Glasgow in partnership with Italy. SCAR is at COP26 in Glasgow and will [organise events live from the venue](#). Make sure to tune in to watch the livestreams and ask our SCAR and IPCC scientists questions. You can find the full line up and details on our [COP26 page](#).

The 40th CCAMLR Meeting has just concluded. SCAR was essential in the very formation of the CCAMLR Convention, providing the scientific basis and support for a convention that could manage krill in the Southern Ocean. Representing SCAR at this year's Commission meeting were Dr Susie Grant (UK), Dr Cassandra Brooks (USA) and Associate Professor Mary-Anne Lea (Australia).

Featured in this newsletter are the renewed [Memorandum of Understanding](#), highlighting the ongoing collaboration between SCAR, IASC and AFoPS. We would like to thank everyone who has contributed to our [Educational Resources](#) section of the SCAR website. Please continue to send us your suggestions via [this form](#). Lastly, don't forget to register for the upcoming [First International Workshop on Antarctic Rings](#) (9-12 March 2022). The deadline is 7th November.

There are also numerous opportunities for researchers at all stages in this month's newsletter, and a range of other news and events. We warmly encourage you to share your photos, news or other relevant updates with us for next month's edition.

- Chandrika Nath
SCAR Executive Director

Featured News

ANTARCTICA AND OVERSHOOT SCENARIOS: RISKS OF IRREVERSIBLE SEA-LEVEL RISE



INTERNATIONAL CRYOSPHERE CLIMATE INITIATIVE



WEDNESDAY, 3RD NOVEMBER 2021, 15:00-16:15 GMT,
SKOMER (MULTIMEDIA STUDIO 2)



ANTARCTIC MARINE ECOSYSTEMS UNDER PRESSURE: PROTECTION NEEDS ACTION LOCALLY AND GLOBALLY

SATURDAY, 6TH NOVEMBER 2021, 10:00-11:30 GMT,
CRYOSPHERE PAVILION

SCAR at COP26, 31 Oct - 12 Nov

The [COP26 UN Climate Change Conference](#), hosted by the UK in Glasgow in partnership with Italy, is taking place from 31st October to 12th November 2021. The summit will discuss the global response to climate change and how we collectively galvanise action at the highest level. At this critical moment, the stakes are higher than ever.

SCAR will be organising the following events at COP26:

Antarctica and Overshoot Scenarios: Risks of Irreversible Sea-level Rise

Wednesday, 03 November 2021, 15:00—16:15 GMT, Skomer (Multimedia Studio 2)

Recent published research shows the danger of massive, potentially irreversible, global sea-level rise within the next couple of centuries should temperatures overshoot 2°C. SCAR and IPCC scientists provide a clear-eyed look at risks from Antarctica and implications for SIDS and future generations.

The event is organised by SCAR, the International Cryosphere Climate Initiative ([ICCI](#)) and the Antarctic and Southern Ocean Coalition ([ASOC](#)).

Make sure to watch the [livestream here](#).

Antarctic Marine Ecosystems Under Pressure: Protection Needs Action Locally and Globally

Polar Oceans Day at the Cryosphere Pavilion

Saturday, 06 November 2021, 10:00-11:30 GMT, Cryosphere Pavilion

Southern Ocean ecosystems are under increasing pressure from global climate change and direct human impacts. The Southern Ocean is globally important for CO₂ uptake, ocean connectivity and supporting key species and ecosystem services. How can global emissions reductions, as well as local actions, protect these ecosystems and their societal benefits worldwide?

Organized by the Marine Ecosystem Assessment for the Southern Ocean ([MEASO](#)), SCAR and [University of Edinburgh](#).

You can watch the events live on [Facebook](#), [Youtube](#) and [Twitch](#).

[Read more about SCAR at COP26.](#)

SCAR News



Renewed Memorandum of Understanding between SCAR, IASC and AFoPS

At the 2021 Annual General Meeting of the Asian Forum on Polar Sciences ([AFoPS](#)) the President of the Scientific Committee on Antarctic Research (SCAR), Dr Yeadong Kim, the President of the International Arctic Science Committee ([IASC](#)), Prof Larry Hinzmann and the Chair of AFoPS, Prof Azizan Abu Samah, renewed the [Memorandum of Understanding](#) (MoU) between the three organisations.

Updated Educational Resources section on SCAR website

The '[Educational Resources](#)' section of the SCAR website has been updated. Resources have been suggested by members of the SCAR community

and organised by type of resource (i.e. book, video, or documentary). We encourage you to submit further suggestions via [this form](#), particularly resources available in languages other than English, or multiple languages.



RINGS Workshop, 9-12 March 2022

The SCAR Action Group RINGS is organising the [First International Workshop on Antarctic RINGS](#) from 9-12 March 2022 in Tromsø, Norway. The organisers welcome both Action Group members and non-members from multiple disciplines related to RINGS, and strongly encourage Early Career Researchers to attend the workshop.

The registration deadline is Monday, **7 November**.

Ant-ICON EMCR Survey and Recording

The SCAR Scientific Research Programme Integrated Science to Inform Antarctic and Southern Ocean Conservation ([Ant-ICON](#)) recently held a [community engagement session](#) targeted at the early and mid career community (EMCR). The **recording** from the session is now [available online](#). During the session the organisers also asked some poll questions, to help inform them on how they can best support EMCRs over the coming years. The [poll questions](#) are now available online, and EMCRs are encouraged to respond.



Polar Pride 2021

[Polar Pride 2021](#) is coming on the 18th November, an offshoot of the International day of LGBTQ+ people in STEM. The first polar pride was celebrated last year with participation from 49 countries. To join in Polar Pride share your



polar pride images, hold events, share on social media using #PolarPride, or get creative with art, baking, or music. We've love to see your celebrations, so do share them with as at info@scar.org, or tag [@SCAR_Tweets](https://twitter.com/SCAR_Tweets) on Twitter.

SCAR Fellowships webinar (German)

SCAR and APECA Germany are organising a webinar on the [SCAR Fellowship Programme](#). The webinar will be held via Zoom on Antarctica Day, **1st December 2021 at 3pm UTC/4pm CET**.

The webinar will give an overview of the Fellowship programme, guide through the application process and leave plenty of time to ask questions. The event will take place in German. Please [register in advance](#).



Community News

News from the SCAR community and wider research community

- A new edition of "[Antarctic Climate Evolution](#)", originally published in 2008, has been released. *Antarctic Climate Evolution, Second Edition*, enhances our understanding of the history of the world's largest ice sheet, and how it responded to and influenced climate change during the Cenozoic. The book's content mirrors the structure of the former [Past Antarctic Ice Sheets \(PAIS\) programme](#).
- The [SCAR Report 41, International Principles and Procedures for Antarctic Place Names](#), has been published. This publication gives recommendations regarding existing place names and the standardisation of new names.
- SCAR warmly congratulates **Dr Dana Bergstrom**, who has won the [2021 Eureka Prize for Leadership in Innovation and Science](#). Dana is an ecologist with the Australian Antarctic Division ([AAD](#)) and [University of Wollongong](#) Honorary Fellow and has championed evidence-based science in biodiversity, biosecurity and the impacts of climate change.

- **The APECS Directorate is [moving to a new host](#).** The Arctic University of Norway ([UiT](#)) in Tromsø in partnership with the Norwegian Polar Institute ([NPI](#)) and the High North Research Centre for Climate and the Environment ([FRAM](#)) will be hosting the APECS Directorate for the coming 5 years, from the beginning of 2022 until the end of 2026.
- **The International Arctic Science Committee (IASC) is seeking nominations for their 2022 [Fellowship](#) programme and [IASC Medal](#).** The deadline for applications to Fellowships is **16 November 2021**, and nominations for the IASC Medal can be submitted until **31 December 2021**.

Events

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

- 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". Registration for the event is still open.
- The American Geophysical Union [\(AGU\) Fall Meeting 2021](#), will take place **13-17 December 2021** in New Orleans, USA and online.
- The [EGU General Assembly 2022](#) will take place on **3 - 8 April 2022**. Abstract submission is now open until **12 January 2022**. The [programme](#) includes a number of Cryospheric sessions which may be of interest to the SCAR community.

Opportunities

Opportunities from the SCAR Community and wider research community

- [APECS is seeking a new Executive Director](#). The Arctic University of Norway ([UiT](#)), in cooperation with APECS announces a vacant full-time position for the APECS Executive Director in the International Directorate Office, that will be based at UiT from January 2022 till December 2026. This opportunity is a temporary position for five years. The application deadline is **7 November**.
- A position is open in [Research in Oceanography](#) at the University of East Anglia. The closing date for applications is **9 November**.

- Ghent University and the University of Liège are recruiting two PhD students who will be engaged in the recently started project HabitAnt: ‘Past and future habitability in Antarctic lakes: succession, colonization, extinction, and survival in glacial refugia’. Full information on the two PhD positions is available [here](#) and [here](#). The application deadlines are **13 and 15 November**.
- The Université de Lausanne, Switzerland, is recruiting for a [postdoctoral researcher](#) in Environmental Geophysics. The application deadline is **20 November**.
- A [Postdoctoral position](#) in ice sheet modelling is open for applications at Monash University, Australia. The closing date is **22 November**.
- The European Polar Board (EPB) are looking for a Communications Officer to join its Secretariat based in The Hague, Netherlands. Full details available [here](#). The application deadline is **1 December**.
- Dartmouth College is looking for a [Polar Oceanographer](#). The application portal for this tenure track position closes **14 January 2022**.

Image of the Month



Thank you to [Nina Gallo](#) for this month's photo of the month, a spectacular moonrise in the Antarctic Sound.

To share your photos or news please email info@scar.org. We love hearing from you.



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