



Introduction from the SCAR Secretariat

Welcome to our October newsletter. We're looking forward to sharing the latest news and updates from SCAR and the wider community with you.

SCAR is excited to announce a new opportunity, designed to encourage the active involvement in the work of our Science Groups to mentor potential future SCAR leaders and promote professional development. Applications for the [SCAR Science Group Fellowship Programme](#) are open to early and mid-career researchers and each Fellowship is funded for two years.

This month, the SCAR Secretariat in Cambridge was joined by a new team member. We are delighted to introduce Angharad Downes as the [new SCAR Administrative Assistant](#), temporarily filling in for Hayley Westlake during her maternity leave. Please join us in extending a warm welcome to Angharad.

Since 2021, a highly pathogenicity strain of avian influenza known as HPAI H5N1 clade 2.3.4.4b has been decimating wild birds in the UK, Europe, South Africa and the Americas, and pinnipeds in South America. To assist with monitoring the movement of HPAI throughout the sub-Antarctic and Antarctic regions and increase our understanding of its impacts on wildlife populations, the SCAR Antarctic Wildlife Health Network ([AWHN](#)) have established a [central repository to record and monitor](#) all suspected and confirmed HPAI outbreaks in the region.

We're pleased to share a number of new publications from the SCAR community. This includes reports from two SCAR Fellowships: Lucia Ziegler, a recent Ant-ICON/SCATS Fellow, shared [insights on her Fellowship](#), and 2020 SCAR Fellow Dr Morgan Seag has published a [new paper](#) on 'intersectional approaches to gendered change in Antarctic research'. This newsletter also includes the [initial concept note and timeline](#) for the 5th International Polar Year 2032-33, an Ant-ICON [publication on communicating science](#) to inform Antarctic Policy and management, and the first Marine Ecosystem Assessment

for the Southern Ocean (MEASO) [summary for policymakers](#).

As always, our newsletter features a range of opportunities, new publications and upcoming events from SCAR and the wider opportunity. If you have content or images you'd like to share with us, please don't hesitate to reach out to us at info@scar.org.

With best wishes,
The SCAR Secretariat

Featured News

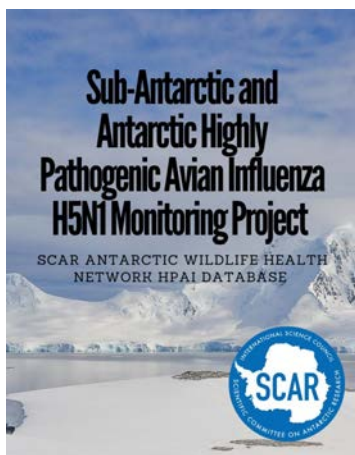
A banner for the SCAR Science Group Fellowship Programme. The background is a photograph of a research ship's deck in a snowy, icy environment. Two people in red safety gear are visible on the deck. Overlaid on the image is the text 'Apply for the SCAR Science Group Fellowship Programme' in large blue font. In the top right corner, a white box contains the text 'Submit your applications before 18 December 2023'. In the bottom left corner, there is a circular logo for SCAR, which includes the text 'INTERNATIONAL SCIENCE COUNCIL', 'SCAR', and 'SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH'.

SCAR launches Science Group Fellowship Programme

SCAR is excited to announce a new opportunity, designed to encourage the active involvement of early and mid-career researchers in the work of the permanent, disciplinary Science Groups (SGs) to mentor potential future SCAR leaders and promote professional development.

The Science Group Fellowship Programme is funded for two years and each fellowship award is for US\$10,000 per year. A fellow will be assigned to each of the three SGs – [Geosciences](#), [Life Sciences](#) and [Physical Sciences](#). Application review will begin 18 December 2023; for full consideration please submit your application by this date.

[Find out more](#)



Sub-Antarctic and Antarctic Highly Pathogenic Avian Influenza H5N1 Monitoring Project

The SCAR Antarctic Wildlife Health Network ([AWHN](#)) has established a [Highly Pathogenic Avian Influenza \(HPAI\) database](#) to monitor and record information submitted to the AWHN on the spread of HPAI outbreaks in the sub-Antarctic and Antarctica throughout the 2023/24 Austral Summer. The AWHN will provide regular updates on current cases and recommendations via the project page. A visual display of all cases is available via [MAPPPD](#).

Ant-ICON/SCATS Fellowship Report

SCAR is delighted to share the [report](#) from Lucia Ziegler for the inaugural Ant-ICON / SC-ATS Science-Policy Fellowship 2023.

Lucia Ziegler from Centro Universitario Regional del Este, Uruguay, attended the CEP/ATCM meetings in Helsinki in May and June 2023. Her project was titled *"Assessment of soundscape characteristics and the incidence of anthropogenic noise on the Antarctic terrestrial ecosystems"*.



Summary for Policymakers

Marine Ecosystem Assessment for the Southern Ocean

New report highlights climate risk to Southern Ocean species and ecosystems

More than 200 scientists from 19 countries have released the first comprehensive assessment of trends in Southern Ocean ecosystems, in a [report aimed at informing policy makers](#).

The *Marine Ecosystem Assessment for the Southern Ocean* ([MEASO](#)) report, published by SCAR, the Scientific Committee on Oceanic Research ([SCOR](#)) and Integrated Marine Biosphere Research ([IMBeR](#)), highlights that

climate change is the most significant driver of species and ecosystem change in the Southern Ocean and coastal Antarctica.

SCAR welcomes new Administrative Assistant

SCAR is excited to introduce Angharad Downes as the new [SCAR Administrative Assistant](#), temporarily filling in for Hayley Westlake during her maternity leave. In her new position, Angharad will play a pivotal role in ensuring the seamless operation of SCAR's administrative processes. Angharad started her work at the SCAR Secretariat in Cambridge in October 2023. Welcome to the team, Angharad!



Community News

News from the SCAR community and wider research community.

- The International Science Council (ISC) [Unlocking Science](#) series, produced in partnership with BBC StoryWorks, was voted best 'Video Series' category at the prestigious Digital Communications Awards (DCA). SCAR was excited to be featured with the dynamic article "[What Antarctica can teach us about global climate change](#)".
- [The UN Ocean Decade Advisory Board is seeking new expert members](#). As part of the Decade Advisory Board, the new expert members will play a key part in building the Ocean Decade roadmap to 2030 and have a strong presence at high-level events such as the 2024 Ocean Decade Conference and the 2025 United Nations Ocean Conference.
- The US National Academies has recently published a new report on "[Future Directions for Southern Ocean and Antarctic Nearshore and Coastal Research](#)".
- Invitation to participate in the [ICARP IV Survey](#), part of the fourth International Conference on Arctic Research Planning ([ICARP IV](#)) engagement process. The purpose of the ICARP IV Survey is to gather input on research priorities for the next decade (2025–2035).

- An international research collection of PhD students and APECS members are collaborating on research on the lived experiences of women within polar research. [They invite contributions to a survey](#) to document the polar fieldwork experiences of researchers who identify as women.
- The OceanTeacher Global Academy platform has recently introduced the '[Contributing and Publishing Datasets to OBIS](#)' training course. The Ocean Biodiversity Information System ([OBIS](#)) is the most comprehensive gateway to the world's ocean biodiversity and biogeographic data and information. OBIS provides open access to this quality-controlled data that adhere to biodiversity standards.

Publications from the SCAR and wider research community



A publication contributing to SCAR's Scientific Research Programme 'Integrated Science to Inform Antarctic and Southern Ocean Conservation' ([Ant-ICON](#)) has been published in *Antarctic Science*: [Communicating the best available science to inform Antarctic policy and management: a practical introduction for researchers](#).



"[Towards intersectional approaches to gendered change in Antarctic research](#)" has been published in *Antarctic Science* as an output of a 2020 SCAR Fellowship by Dr Morgan Seag, with input from host Dr Hanne Nielsen, co-host Prof Meredith Nash and collaborator Dr Renuka Badhe.



The organisations currently involved in the 5th International Polar Year 2032-33 ([IPY](#)) Planning Group have released an [initial concept note and timeline](#).



A new paper, titled '[Quantification and distribution of marine microdebris in the surface waters of Livingston Island \(South Shetland Islands, Antarctica\)](#)', has been published in *Marine Pollution Bulletin*. The paper contributes to SCAR's Scientific Research Programme 'Integrated Science to Inform Antarctic and Southern Ocean Conservation' ([Ant-ICON](#)),

- 'Macronutrient biogeochemistry in Antarctic land-fast sea ice: Insights from a circumpolar data compilation', published in [Marine Chemistry](#). This study was carried out under the auspices of the international expert group on Biogeochemical Exchange Processes at Sea-Ice Interfaces ([BEPSII](#)).

- 'Public support for Antarctic science: lessons from a national survey of Australians', published in [Antarctic Science](#).
- 'International law, climate change and the Antarctic Treaty System: re-contemplating governance questions apropos of the mounting challenges', published in [Antarctic Science](#).
- 'Scars of tectonism promote ice-sheet nucleation from Hercules Dome into West Antarctica' in [Nature Geoscience](#).

Events

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

- The [One Planet - Polar Summit](#) will bring together scientists, polar stakeholders and politicians in Paris from **8-10 November 2023**. SCAR supported the organisation of the event, which will address issues of climate change and biodiversity.
- Forthcoming workshop from Kobe PCRC on “The Future of Antarctic Governance: Antarctic Environmental Liability and Lawyers’ Role in Consensus-building”, **1 December 2023**, from 15:00 Japan Standard Time, to be held at Kobe University, Kobe-city, Japan. Please [inform the Kobe PCRC Symposium Secretariat](#) if you are planning to attend this workshop in-person. Pre-registration for online auditing will commence through [their website](#) around 1 November .
- The [2024 Ocean Science Meeting](#) will take place from **18-23 February 2024** in New Orleans, Louisiana. The conference will include a session on “Breaking Barriers: Bridging the Gap in Methodologies and Data Reporting for Ocean Biogeochemistry”.
- The [7th ICES/PICES Zooplankton Production Symposium](#) will be held in Hobart, Australia, from **17-22 March 2024**.
- 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.

Opportunities

Opportunities from the SCAR Community and wider research community

- Application are still open to join the SCAR Secretariat in Cambridge as [Science and Operations Officer](#). The Science and Operations Officer will play a key role in supporting a vibrant international network of people involved in Antarctic research. Fixed Term Appointment for 12 months, with possibility of extension. Applications close **3 November 2023**.
- The University of Tasmania is currently advertising a PhD position with the theme "[Open mixing under Antarctic sea ice](#)". Deadline **1 November 2023**.
- The Department of Earth, Environmental, and Planetary Sciences and the Program in Environmental Studies at Washington University in St. Louis invite applications for an [assistant professor position](#) in the field of the changing cryosphere (e.g. glaciers, polar ice sheets, permafrost, sea ice). Deadline **7 November 2023**.
- The Royal Society has launched a [Career Development Fellowship](#) (CDF). The four-year postdoctoral research fellowship that aims to support the retention in STEM of researchers from underrepresented backgrounds. Deadline **24 January 2024**.

Image of the Month



We love this tranquil scene capturing the splendour of Antarctica. This image of the month was taken by [Ramcharan Vijayaraghavan](#).

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 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](#).