



## Introduction from the SCAR Secretariat

Welcome to our September newsletter! As we prepare for the upcoming Antarctic season, we'd like to share the latest news, events and opportunities from the SCAR community and beyond.

A risk assessment by the Antarctic Wildlife Health Network ([AWHN](#)), published earlier this month, predicts that the highly pathogenic Avian influenza will hit the sub-Antarctic and Antarctic Peninsula this season with devastating impacts on seabird and pinniped colonies throughout the region. SCAR, the Council of Managers of National Antarctic Programs (COMNAP), the Committee for Environment Protection (CEP) and the International Association of Antarctica Tour Operators (IAATO) are concerned about the devastating impact it could have on the region's unique wildlife. [A joint statement](#) and the [new AWHN paper](#) are available from our website.

We love bringing researchers together and were delighted to follow the successful [INSTANT conference](#) with nearly 300 Antarctic scientists in Trieste. For those of you who have attended the XIII SCAR Biology Symposium in New Zealand in August, *Antarctic Science* warmly invites submissions to form a [Special Collection of articles](#) arising from the meeting and associated workshops.

The SCAR EG-ABI group has announced a [data visualisation competition](#) aimed to share the impacts that climate change is having on Antarctica and the Southern Ocean. Not only can you win prizes, but your work could also be featured on social media platforms. The submission deadline is Friday, 17 November 2023. Additionally, don't miss out on the SCAR EDI Action Group's new monthly Twitter/X feature, offering insights into their work and other initiatives under the hashtag [#SCARED!](#).

As always, our newsletter also 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 us to include in the next edition, 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



### **Antarctic Wildlife at heightened risk of highly pathogenic Avian Influenza outbreaks**

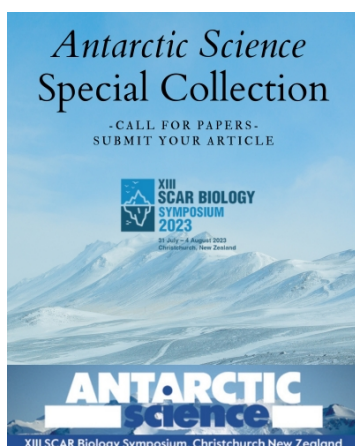
SCAR, the Council of Managers of National Antarctic Programs ([COMNAP](#)), the Committee for Environment Protection ([CEP](#)) and the International Association of Antarctica Tour Operators ([IAATO](#)) are concerned about the heightened risk of Highly Pathogenic Avian Influenza (HPAI) outbreaks in Antarctica in the 2023/24 season and the devastating impacts it could have on the region's unique wildlife.

A [new paper](#) published by the SCAR Antarctic Wildlife Health Network ([AWHN](#)) explains that heightened risk. The AWHN has provided extensive guidelines and recommendations for enhanced biosecurity, surveillance and monitoring for the scientific and tourism community.

[Find out more](#)

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## SCAR News

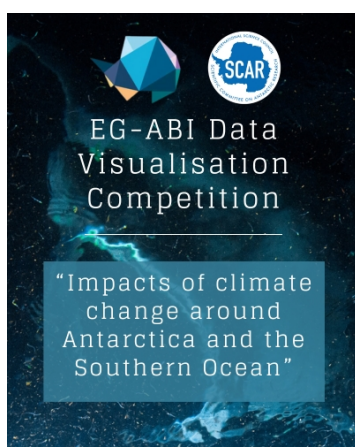


### XIII SCAR Biology Symposium - Antarctic Science Special Collection call for papers

*Antarctic Science* is offering the opportunity to contribute submissions to form a 'Special Collection' of articles arising from the XIII SCAR Biology Symposium and its associated workshops. The editorial panel warmly [invites submissions](#) in any field of Antarctic research from participants of the symposium. The journal publishes all standard types of articles (research articles, reviews, perspective and opinion articles, short communications).

### SCAR EDI AGI launches monthly feature

The SCAR EDI Action Group has launched a monthly feature on Twitter/X highlighting the work of the group and initiatives of partner organisations and other groups. You can follow the feature under the hashtag [#SCARED!](#).



### EG-ABI data visualisation competition

The SCAR EG-ABI group is looking for a piece of data visualisation to help share with the public the impacts that climate change is having on Antarctica and the Southern Ocean.

[Submit your best data visualisation piece](#) for the chance to win prize money (first prize: USD\$600, second prize: USD\$300, third prize: USD\$100) and get it featured on social media. The deadline for entry is Friday, 17 November 2023.

## Community News

**News from the SCAR community and wider research community.**

- Accessibility in Polar Research (APR) is running a [survey on accessibility issues in polar research](#) and fieldwork. The survey is open until 31 October 2023.
- [The Polar Journal](#) is calling for conference reports on recent Arctic and Antarctic conferences. Interested authors can reach out to editor Dr [Elizabeth Buchanan](#).
- Nominations are now open for the [2024 IASC Medals](#). The IASC Medal is awarded in recognition of exceptional and sustained contributions to the understanding of the Arctic. Nominations for the IASC Medal can be submitted to the [IASC Secretariat](#) by 31 October 2023.
- Applications are also open for the [2024 IASC Fellowship Programme](#). The programme is meant to engage early career researchers in the work of the IASC Working Groups. For the 10th anniversary year of the programme in 2024, IASC will offer 10 IASC Fellowships. The application deadline is 18 October 2023.

## Publications from the SCAR and wider research community

- 'Where to live? Landfast sea ice shapes emperor penguin habitat around Antarctica', published in [Science Advances](#).
- 'Warming beneath an East Antarctic ice shelf due to increased subpolar westerlies and reduced sea ice', published in [Nature Geoscience](#).
- 'Sleep impairment and altered pattern of circadian biomarkers during a long-term Antarctic summer camp', published in [Scientific Reports](#).
- 'Pack-ice seals contribute to biological transfers of iron in the Southern Ocean', published in [Polar Biology](#).
- 'The quandary of detecting the signature of climate change in Antarctica', published in [Nature Climate Change](#).
- 'Climate genomics—Geoscientists, ecologists, and geneticists must reinforce their collaborations to confront climate change', published in [Global Change Biology](#).

## Events

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

- The Antarctic Policy Event "[Tipping Points in Antarctica: Towards Evidence-Based Policy](#)" will be held on **16 October 2023** in Brussels. The

event is co-organized by EU-funded projects TiPACCs, OCEAN:ICE, SO-CHIC, PROTECT, and the EU-PolarNet 2 and European Polar Board.

Registration for the event (in-person or virtual) is open until 8 October.

- The [Polar Data Forum V](#) will be held from **30 October- 3 November 2023** at the British Antarctic Survey, UK, and online.
- 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 [7<sup>th</sup> ICES/PICES Zooplankton Production Symposium](#) will be held in Hobart, Australia, from **17-22 March 2024**.
- [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.

## Opportunities

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

- 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**.
- British Antarctic Survey are looking for a [Marine Geospatial Data Assistant](#) to improve the completeness and accuracy of positional information related to scientific work onboard polar research vessels. Deadline **15 October 2023**.
- A permanent researcher position at the Department of Climate Dynamics at NORCE is available for a [physical oceanographer](#) to work on the ocean’s role in the climate system across time scales. Deadline **20 October 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 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



Our image of the months shows an Antarctic Petrel in flight. Did you know that Antarctic Petrels live about 15 to 20 years and have a gland found above their nasal passage that excretes a saline solution? This helps rid themselves of all the extra salt taken in while feeding on ocean waters. The image 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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