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Introduction from the Executive Director

Welcome to the June edition of the SCAR Newsletter. It's been a busy month with plans well underway for SCAR 2020 Online scheduled for 3-7 August. Registration will open next week, and we'll be launching a conference website with preliminary information on the planned line-up and activities. We hope that many of you will take part. As well as live events we will be sharing material from contributors in advance of the meeting via a virtual conference platform. More details [here](#).

We have reported a number of important news items this month. On 11 June we shared a [statement](#) from the International Science Council on combating systemic racism and other forms of discrimination. SCAR has at its core the values set out in this statement.

On 25 June we announced that the decision had been made to [postpone SCAR Biology 2021](#) in New Zealand to 2023. We apologise to anyone who has already made plans to visit New Zealand, but in these uncertain times we feel that a postponement will provide the certainty to ensure a very successful and productive face-to-face conference in 2023 that is open to all.

In other news, it's been a busy month with a number of new research publications including the [Crustacean guide for predator studies in the Southern Ocean](#), a new [article](#) contributing to our scientific research programme Antarctic Climate Change in the 21st Century (AntClim21) and the special issue [Antarctic Biology: Scale Matters](#) highlighting the outcomes of the SCAR Biology Symposium 2017.

We hope that you find this newsletter interesting. We welcome suggestions! If you'd like to share your own news, events, and photos with us, please contact us at info@scar.org.

As ever we wish you a safe and healthy month.

- Chandrika Nath
SCAR Executive Director

Contents:

Featured News

CRUSTACEAN GUIDE FOR PREDATOR STUDIES IN THE SOUTHERN OCEAN

José C. Xavier, Yves Cherel, Geoff Boxshall, Angelika Brandt,
Tim Coffey, Jeff Forman, Charlotte Havermans, Anna M. Jażdżewska,
Juliana Kouwenberg, Stefano Schiaparelli, Kareen Schnabel,
Volker Siegel, Geraint A. Tarling, Sven Thatje,
Peter Ward & Julian Gutt



Crustacean Guide for Predator Studies in the Southern Ocean

Crustaceans play a key role in the Antarctic marine ecosystem. The "[Crustacean guide for predator studies in the Southern Ocean](#)" gathers information from over 100 species from 53 families of the most relevant crustaceans in the diet of subantarctic and Antarctic meso- and top predators, including information on distribution, their relevance in predator diets, sizes, availability of allometric equations and practical procedures to differentiate crustacean species within each family.

The guide is aimed to support scientists to identify crustaceans in diet studies of predators from the Southern Ocean while promoting interdisciplinary research. You can access the Crustaceans guide for predator studies in the Southern Ocean through our SCAR Library.

[Read more](#)

SCAR News



SCAR Biology Symposium 2021 postponed to 2023

The decision has been made to postpone SCAR Biology 2021 in New Zealand to 2023.

This was a very difficult decision, but in these uncertain times we feel that a postponement will provide the certainty to ensure a very successful and productive face-to-face conference in 2023 that is open to all.



Statement on combating systemic racism and other forms of discrimination

Statement on combating systemic racism and other forms of discrimination

The [International Science Council](#) has published a statement on combating systemic racism and other forms of discrimination.

SCAR has at its core the values set out in this statement. And we have already commenced with further dialogue to identify concrete steps aimed at correcting systemic discrimination in science.

[Read More](#)

SCAR BIOLOGY 2017

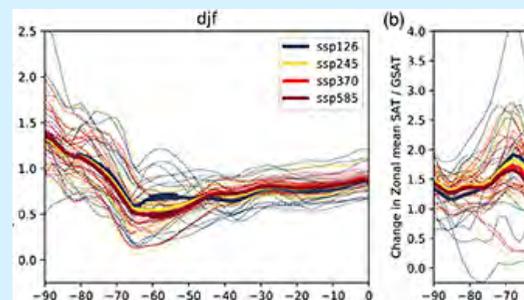
Special Issue *Antarctic Biology: Scale Matters*

A new special issue, "[Antarctic Biology: Scale Matters](#)" highlights the outcomes of 20 papers presented during the [SCAR 12th Biology Symposium](#) held in Leuven, Belgium, in July 2017.

The papers have been divided into three categories and focus on our current understanding, recent developments, and future challenges that should be addressed by the Antarctic biological research community.

[Read more](#)

[Read More](#)



Twenty first century changes in Antarctic and Southern Ocean surface climate

Two decades into the 21st century there is growing evidence for global impacts of Antarctic and Southern Ocean climate change. A new publication by SCAR's [AntClim21 Scientific Research Programme](#) provides a comprehensive analysis of the latest generation of state-of-the-art climate models for 21st century Antarctic projections.

[Read More](#)

To read more news from the SCAR community visit our [website](#). You can also follow us on [Twitter](#) and [Facebook](#) for updates. If you've got news to

share email the SCAR Secretariat at info@scar.org.

Community News

News from the SCAR community and wider research community

- Dr Peter Convey has taken on the role of the chief editor of the journal **Antarctic Science**. The journal would welcome contributions associated with SCAR 2020 Online and related events. Read Peter's introductory message [here](#).
- SCAR is saddened to learn of the death of [George Hemmen](#) (1926-2020), who served first as Assistant Secretary then as Executive Secretary of SCAR for more than 27 years.
- The Intergovernmental Panel for Climate Change (**IPCC**) has extended extended the cut-off date for scientific literature to be included in the [contribution to the Sixth Assessment Report](#) (AR6) of Working Group I "Climate Change 2021: The Physical Science Basis". The new cut-off date is **31 January 2021**.
- [Two leadership positions](#) are opening in the Southern Ocean Observing System (**SOOS**) Weddell Sea and Dronning Maud Land Regional Working Group. Nominations close **15th September**.
- A **special issue of Polar Biology** "Pathways and impacts of biotically-mediated marine and other stored nutrient transfer between polar ecosystems" is looking for submissions. Please get in contact with the [editors](#) if you are interested in contributing.

Events

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

Note: Due to the current situation worldwide we are only listing virtual events at the moment. We hope you will enjoy meeting online!.

- The **GRAPE Expert Group** has organised an [Online Workshop](#) for **1-3 July 2020**. The [full programme](#) is available online. The workshop will deal with topics related to the SCAR Expert Group [GRAPE](#) and to the new Proposal Planning Group (PPG) RESOURCE “Radio Sciences Research on AntarCtic AtmosphEre”.
- [SCAR 2020 Online](#) will deliver some of the highlights of the SCAR Open Science Conference online through both pre-recorded videos and live events between **3-7 August 2020**. More information will be available soon.
- The meeting of the Biogeochemical Exchange Processes at the Sea-Ice Interfaces Expert Group ([BEPSII](#)) is moving online. Online sessions, discussions and poster sessions will take between **24-27 August 2020**.
- The PALSEA-SERCE 2020 workshop has been postponed to autumn 2021. A virtual meeting, [PALSEA Express](#), is planned for **15-16 September 2020** instead. Abstract submissions for the virtual poster session are open now and will close 15th August 2020.
- The [West Antarctic Ice Sheet \(WAIS\) Workshop](#) will have community-oriented discussions on **6-7 October 2020** focused on addressing racial diversity and inclusion and supporting early-career researchers in the community. More information will follow soon.

Opportunities

Opportunities from the SCAR community and wider research community:

- **The British Antarctic Survey (BAS)** is inviting applications for a [Physical Oceanographer](#). The post is attached to the SO-CHIC (Southern Ocean Carbon and Heat Impact on Climate) and ORCHESTRA (Ocean Regulation of Climate by Heat and Carbon sequestration and Transports) projects. The application closes **5th July 2020**.
- **The Alfred Wegener Institute (AWI)**, section „Physical Oceanography of the Polar Seas“, is looking for an [experienced ice/ocean modeller](#). The position is part of the EU Project "PROjecting sEa-level rise: from iCe sheets to local implicaTions (PROTECT)" and applications are open until **7th July 2020**.
- **Tulane Cosmogenic Nuclide Laboratory** has an opening for a [postdoctoral researcher](#). The candidate will join the Geological History Constraints as part of International Thwaites Glacier Collaboration. Review of applications will start on **15th August 2020**.
- The **Center of Global Sea Level Change (CSLC)**, New York University Abu Dhabi, seeks to recruit a [Postdoctoral Associate](#) to work in Antarctic glacier and ice shelf modelling. Application will be accepted immediately and are considered until the position is filled

Image of the month



On 19 June 2020 the first ever [World Albatross Day](#) was celebrated online around the globe. World Albatross Day honoured these beautiful birds and highlighted the ongoing conservation crisis they face. This image of a black-browed albatross was taken by SCAR's President Professor Steven Chown during the 2016/17 austral summer on the Antarctic Circumnavigation Expedition (ACE).

More information and a list of resources, such as the recent Retrospective Analysis of Antarctic Tracking Data (RAATD) publication, can be found on our [website](#).

We love seeing photos from SCAR scientists so get in touch at info@scar.org if you'd like to share yours!



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