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Introduction from the Executive Director

Welcome to the November edition of the SCAR Newsletter. It's been an exciting month.

On 5 November we published a [news item](#) announcing the approval of our three new flagship Scientific Research Programmes (SRPs): [Integrated Science to Inform Antarctic and Southern Ocean Conservation \(Ant-ICON\)](#), [Instabilities and Thresholds in Antarctica \(INSTANT\)](#) and [Near-term Variability and Prediction of the Antarctic Climate System \(AntClimnow\)](#). These SRPs are ambitious, international and overarching programmes, designed to address vital scientific questions and we look forward to sharing their work with you in the years to come.

On 18th November the inaugural [Polar Pride day](#) was celebrated around the world. SCAR was pleased to support Polar Pride day to ensure a more inclusive future for all.

Also included in this newsletter is a report of the [39th CCAMLR meetings](#), which were held remotely this year. SCAR was represented by a delegation headed by Dr Susie Grant, Chief Officer of SCAR's Standing Committee on the Antarctic Treaty System, along with Drs Mary-Anne Lea and Cassandra Brookes.

The COVID-19 impact survey is now available in [Spanish](#), [Russian](#) and [Mandarin](#), so please feel free to take part by 15th December and share the survey with interested friends and colleagues.

As always, our newsletter also features a range of news from the SCAR community, such as a [report](#) from the Southern Ocean Continuous Plankton recorder, a report from our [2019 SCAR Fellow](#) Mónica Remedios-De León and a range of new publications. We are also delighted to announce that [Bedmap3](#) has been approved as a SCAR Action Group.

Our newsletter includes a wide selection of news from our SCAR and the wider Antarctic community. Please get in touch with us info@scar.org if you'd like to share your news or photos with us.

We hope you enjoy this month's edition and wish you all the best,

- Chandrika Nath
SCAR Executive Director

Featured News



Three new Scientific Research Programmes approved

We are excited to announce the approval of three exciting multidisciplinary Scientific Research Programmes (SRPs) by the [SCAR Directors](#) (the President and Vice-Presidents) following an extensive and rigorous evaluation and selection process lasting over 2 years.

- [Integrated Science to Inform Antarctic and Southern Ocean Conservation \(Ant-ICON\)](#)
- [Instabilities and Thresholds in Antarctica \(INSTANT\)](#)
- [Near-term Variability and Prediction of the Antarctic Climate System \(AntClimnow\)](#)

SRPs are SCAR's highest level of investment in science and are large, overarching programmes intended to address vital and wide-ranging scientific questions. The three new SRPs are multidisciplinary programmes that have worked closely together since their inception as PPGs and have been designed to be complementary and collaborative. Planning is already underway and they will begin their work as SRPs in 2021.

[Read more](#)

SCAR News



Report on 39th CCAMLR Meetings

The 39th CCAMLR Meetings (26-31 October 2020) were held remotely, with with Members and Observers participating in online discussions. SCAR presented an update on activities relevant to the work of the Scientific Committee. Read the full meeting report [here](#).

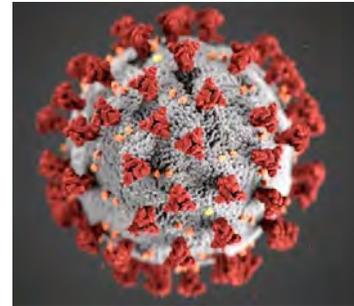
COVID-19 Impact Survey available in Spanish, Russian and Mandarin

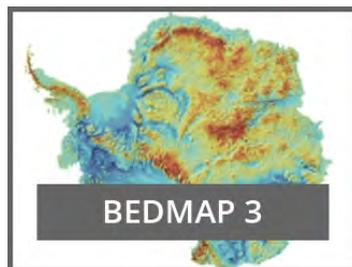
The COVID-19 impact survey is now available in Spanish, Russian and Mandarin. Your response will help the Antarctic COVID-19 Research Group to understand how we as a community are affected and will inform strategic decisions to mitigate impacts. Please take part by 15th December and share the survey with your network.

Spanish version: ow.ly/tn6Q50CrYo8

Russian version: ow.ly/EJtj50CrYo7

Mandarin version: ow.ly/yxu850CrYo9



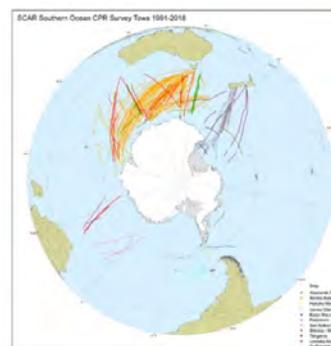


Bedmap3 becomes SCAR Group

[Bedmap3](#) has been formally approved as an Action Group. Bedmap3 is a collaborative community project with the aim of producing a new map and datasets of Antarctic ice thickness and bed topography for the international glaciology and geophysical community.

Report on the Status and Trends of Southern Ocean Zooplankton

The SCAR Southern Ocean Continuous Plankton Recorder (SO-CPR) Survey has produced a report on the [Status and Trends of Southern Ocean Zooplankton](#). It is hoped that this will be a living report that will include updated information as the SO-CPR datasets continues to grow and be analysed.



2019 SCAR Fellowship Report from Mónica Lujan Remedios-De León

The report from [SCAR Fellow Mónica Lujan Remedios-De León](#) is now available on our website. Mónica is a Doctoral Student at the Universidad de la República in Montevideo, Uruguay, and was hosted by the British Antarctic Survey in Cambridge, UK. She worked with Prof. Peter Convey and Dr. Kevin Hughes on the

distribution of non-native species on King George Island.

Community News

News from the SCAR community and wider research community

- SCAR warmly congratulates Dr. Josefina Lenz on her new position as [APECS Interim Director](#). APECS also announced their [Leadership team 2020-2021](#), including President Gwenaëlle Gremion and the new Executive Committee and Council. SCAR looks forward to continuing its fruitful relationship with APECS and wishes the new leadership good luck.
- Antarctica is now featured on the World Economic Forum's **Strategic Intelligence Platform**. A [transformation map](#) collates information on Antarctic governance, climate change, ice sheets and more.
- A new *Earth System Science Data* **special issue** on "[Extreme environment datasets for the three poles](#)" is looking for submissions. The editors are inviting experts to review and present existing and new datasets for the three poles region, to recognize these valuable datasets, and to promote their use in international and interdisciplinary studies of the three poles.
- [Quantarctica](#) is a collection of Antarctic geographical datasets for research, education, operations and environment management. The team is looking for your input to help shape version 4. Please provide

your feedback about about datasets, data categories, and functions you want to see in this [community survey](#) by the end of November.

- A group of ecological modellers is looking for polar researchers interested in developing [collaborative projects](#) to build a physiological model on any polar animal of their research interest (invertebrate to mammals, terrestrial or aquatic, microscopic to giant). This work will feed into research for a PhD thesis. If you are interested in contributing, please send an email to [Charlène Guillaumot](#).

Publications from the SCAR Community

- A new paper on the [Risk assessment of SARS-CoV-2 in Antarctic wildlife](#) has been published in *Science of the Total Environment*. The work is an outcome of the Working Group of Wildlife Health Monitoring of the SCAR Expert Group of Birds and Marine Mammals ([EG-BAMM](#)).
- A new synthesis paper investigates the [Implications of the COVID-19 pandemic for Antarctica](#). The paper was published in *Antarctic Science* and contributes to SCAR's 'State of the Antarctic Ecosystem' Scientific Research Programme ([AntEco](#)).
- We are pleased to share with you a recent report by SC-HASS member Cornelia Lüdecke about equipment used by [Drygalski during his South Polar Expedition](#) (1901-1903). The report is in German with an introduction in English.
- "[Marine Ecosystem Assessment for the Southern Ocean: Birds and Marine Mammals in a Changing Climate](#)" has been published in *Frontiers in Ecology and Evolution*. Several SCAR members were involved in the publication.

Events

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

- APECS has planned a series of events to celebrate **Antarctica Day (1 December)**. Two online sessions will cover the topics “Building Bridges between Politics and Science” and “How to Get to Antarctica”. More information will follow soon on the [APECS website](#).
- The IPCC Working Group ([WG](#)) II contribution to the Sixth Assessment Report (AR6) is now entering its next phase. Join their webinar "[A Guide to the IPCC and the Expert Reviews Process](#)" to find out how you can contribute. The virtual event will take place **8 December**, 12:30-14:00 UTC.
- The [AGU Fall Meeting "Shaping the Future of Science"](#) will be concentrated around **7-11 December**. To minimise scheduling conflicts, events around the meeting will be extended from 1-17 December.
- A virtual workshop to evaluate [change in Antarctic krill populations](#) and to develop solutions for the future sampling of krill will be held on **26-30 April 2021**. More information will be available soon.
- SCAR's Plastic in Polar Environments group ([Plastic-AG](#)) is running a [session](#) at the 2021 annual meeting of the Society of Environmental Toxicology and Chemistry ([SETAC](#)), to be held online on **3-6 May 2021**. Please submit your abstract before **2 December**.

Opportunities

Opportunities from the SCAR Community and wider research community

- The [Centre for Satellite Data in Environmental Science](#) (SENSE) is looking for a candidate for a [joint PhD-project](#) in the field of Antarctic terrestrial biosphere.
- [British Antarctic Survey](#) is looking for a [Marine Environmental Ecologist](#) to join their Ecosystems team. The closing date for applications is **6 December**.
- [British Antarctic Survey](#) are also looking for a [Principal Researcher in Environmental Artificial Intelligence](#) to support and help manage the BAS AI Lab, to win funding and sustain the growth of this emerging research area. Candidates should apply online by **6 December**.
- [APECS](#) is seeking a new [Project Officer](#) for the APECS International Directorate based in Potsdam, Germany. The application deadline for the position is **7 December**.
- The [WSL Institute for Snow and Avalanche Research SLF](#) is offering a Tenure-track position for a [Scientist in ecology and dynamics of cold ecosystems](#). The application deadline is **20 December**.
- [WWF Australia](#) is looking for an [Antarctic Program Manager](#), on a fixed-term contract (two years) preferably based in Hobart, Australia. Interested candidates should apply by **21 December**.
- The program of Atmospheric and Oceanic Sciences (AOS) and Geoscience (GEO) at [Princeton University](#) has an opening for a [Postdoctoral Researcher](#) in the areas of fluid dynamics and

geophysics. Candidates should apply online by **1 February 2021**.

Image of the Month



Our image of the month shows the Polar Pride pin that travelled with our Communications and Information Officer Johanna to the Weddell Sea in February. On 18th November 2020, the inaugural [Polar Pride day](#) was celebrated by the Antarctic community around the world. SCAR is pleased to support Polar Pride day to ensure a more inclusive future for all.

People from all over the world showed their support using the hashtag [#PolarPride](#).

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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