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Introduction from the Executive Director

Welcome to the July edition of the SCAR Newsletter. As it's only a few days to go until [SCAR2020 Online](#) officially opens, we've dedicated most of this newsletter to the meeting.

We've had over 2000 people [register](#) - if you haven't done so there's still time and it is free. Our live plenaries start on Monday 3rd August at 8am UTC with Dr Valérie Masson-Delmotte, co-chair of IPCC Working Group 1, speaking about 'Climate Change, Antarctica and the IPCC AR6'.

We look forward to seeing you at [#SCAR2020](#) Online. We advise that you check you can access the online event portal in advance of the event starting on Monday if possible (follow the instructions in the email you receive when you registered).

A number of independently organised parallel sessions which were scheduled for the physical OSC conference in Hobart are already taking place online [this week](#). They have been a big success so far. It's been great to see the community come together for these meetings and see so many lively discussions.

If you are looking for a chance to showcase your work do consider submitting a story to ECO magazine, with whom SCAR is partnering for its [September edition](#) (details below).

A big thanks to the Antarctic research community for putting so much work and enthusiasm into all the #SCAR2020 events during a very challenging time. We hope you have a stimulating couple of weeks.

- Chandrika Nath
SCAR Executive Director

SCAR 2020 Online

SCAR 2020 ONLINE



Live Events

Dr Valérie Masson-Delmotte will open the conference with her lecture on “Climate change, Antarctica and the IPCC AR6”. On Tuesday we will be “Discovering Antarctica’s climate secrets” with Prof. Nerilie Abram. On Wednesday Dr. Juliana Vianna on “Penguin Evolution: from population genetics structure to diversification and adaptation”. Finally on Wednesday 5th Dr. Daniela Liggett will present her plenary on “Small glimmers of hope amidst the turmoil of a pandemic? The implications of COVID-19 for Antarctic research and governance”. This will be followed by a panel discussion on the same subject. For more details, have a look at our [plenary events page](#).

We’re [celebrating past and current achievements](#) in the Highlights of SCAR’s Current Scientific Research Programmes, and looking to the future SCAR’s Future Scientific Research Programmes. On Tuesday 4th Prof Steven Chown, Prof Steven Rintoul and Associate Professor Nick Golledge discuss the future of Antarctica in a warming world.

There will also be [workshops](#) full of exciting presentations and panel discussions as well as hands on activities. We have workshops on creating inclusive collaborations, making Antarctic data FAIR, learning how to use data from the Biogeochemical Argo (BGC-Argo) program, and on SCAR's capacity building activities.

[See the full program here.](#)



Joining Details

The meeting will take place on the OnAIR virtual conference platform. To access this you need to have [registered](#). We strongly recommend you join in this way as you'll be able to ask the speakers questions, browse posters and network with colleagues. However for those who prefer you will be able to watch most of the events on [YouTube](#).

Contributing author gallery

Over 500 posters and presentations from contributing authors have been uploaded already into the virtual gallery for #SCAR2020 Online. Come along, browse, add your comments and look up your colleagues. If

you're an author, please tell your colleagues to come and look at your work!



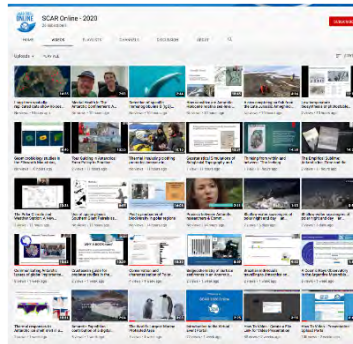
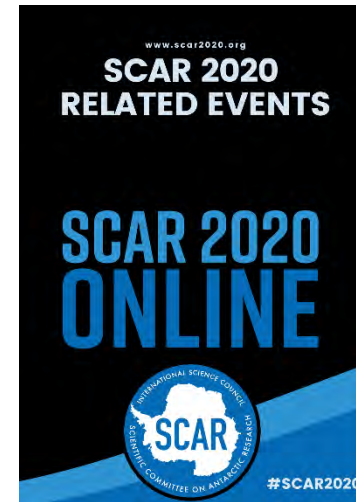
Virtual posters, virtual networking and chat sessions.

We're also going to pilot a couple of virtual poster sessions on Wednesday 5th where contributing authors can engage in live discussions with attendees. You'll have to [register](#) for the conference and join the online event portal to get involved in these events. We'll also be running several text-based discussion fora around some of the original parallel session themes. [Here](#) is a full list of these sessions. Finally our virtual meeting hub you can see who else is registered connect with them and even give them a call.

Related Events

A number of online parallel sessions and business meetings scheduled for the original SCAR OSC in Hobart, are taking place in the

weeks before and after the #SCAR2020 Online meeting. These are independently organised and details of how to join can be found [here](#). Many of them will be available to view on our [YouTube](#) channel in the coming days.



Youtube channel

The [SCAR2020 Online](#) YouTube channel is now live. You can already visit it to view some fascinating presentations and videos from contributing authors. This will have most of the talks and highlights of SCAR 2020, which you'll be able to watch at any time. Many of the online parallels will also be featured here. We'll also create a YouTube livestream of our plenary sessions.

We hope SCAR 2020 will be a fun and fascinating conference. If you have any other questions, comments, or concerns, then please contact us at info@scar.org.

SCAR News



ECO Magazine

SCAR has entered into a partnership with ECO magazine for its September edition. It's a great chance to showcase your work to a wider audience - perhaps something that was featured at SCAR2020 Online?

The deadline to submit your completed story to the editor is **August 24, 2020**. If interested please contact editor@ecomagazine.com.

[Read More](#)



GRAPE Online Workshop Report

An online workshop was organised on topics related to the SCAR Expert Group GRAPE and to the new Proposal Planning Group (PPG) RESOURCE "Radio Sciences Research on AntarCtic AtmosphEre". The workshop took place online 1-3 July 2020 and around 70 colleagues from all over the world attended. The workshop report is now available on our website.

[Read the report here](#)

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

- A [new paper](#) "The evolving paleobathymetry of the circum-Antarctic Southern Ocean since 34 Ma – a key to understanding past cryosphere-ocean developments" has been published in [Geochemistry, Geophysics, Geosystems](#). The project contributes to the SCAR's Scientific Research Programme Past Antarctic Ice Sheet Dynamics ([PAIS](#)).
- Hard copies of the [Crustacean guide for predator studies in the Southern Ocean](#) are now available. Please get in contact with Dr [José Xavier](#) if you'd like to obtain one.
- 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](#).
- [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**.

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!.

- As part of the SCAR 2020 Online events, the Association of Polar Early Career Scientists (APECS) will be running an **online, early-career workshop** in collaboration with SCAR. The theme for the workshop is [“Antarctic Science - Global Connections”](#). The workshop will be held via Zoom on **11-13th August 2020**.
- 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:

- 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



Our image of the month shows a banded wandering albatross taking off from a snowy Marion Island in the southern Indian Ocean. The photograph was taken

by Ryan Reisinger in winter 2011, while he was a field biologist on the South African [Department of Environmental Affairs'](#) Marion 67 overwintering team.

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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