



Hello from the SCAR Secretariat!

Welcome to the October edition of the SCAR newsletter.

Today marks the start of World Space Week so we start this newsletter with an introduction to new applications for [Antarctic telescopes](#). Read on to find reports on the [IPCC Special Report](#) and [Sustained Antarctic Research](#), as well as recent training schools and research highlights. As always, there is also a selection of news, events and opportunities.

We hope you enjoy this newsletter, and encourage you to share news, events, and photos with us at info@scar.org.

- The SCAR Secretariat

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Featured News



Antarctic Telescopes to the Rescue

Antarctica's environment - dark skies, long nights, and low temperatures - has for a while been recognised as ideal for astronomical observations. To celebrate World Space Week, which starts today, Tony Travouillon, Chief Officer of the Astronomy and Astrophysics from Antarctica Expert Group, writes about new and exciting applications for Antarctic telescopes.

[Read More](#)

SCAR News



IPCC Special Report on The Ocean and Cryosphere in a Changing Climate

The SCAR community has contributed significantly to the [IPCC Special Report on The Ocean and Cryosphere in a Changing Climate](#) (SROCC), published on 25th September.

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A View from the South: Sustained Antarctic Research

Five years ago, the first Antarctic Science Horizon Scan identified the highest priorities and set an ambitious agenda for Antarctic research. A new article, titled *Sustained Antarctic Research: A 21st Century Imperative*, reviews progress:

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Registration Open for Plastics Workshop

Registration for the first Plastic in the Polar Environment workshop is now open. The theme of the workshop is "*Plastic in the Polar Environment:*

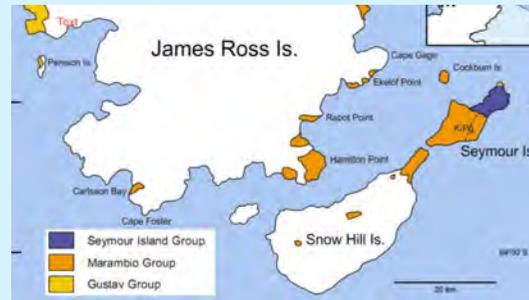


SCAR appoints new Communications and Informations Officer

SCAR is pleased to announce the appointment of Johanna Grabow as Communications and Information

sources, impacts and solutions".
The workshop will take place on 28-29 October at the University of Hull, UK.

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Research Highlight

A new paper has been published which contributes to the GeoConservation community:

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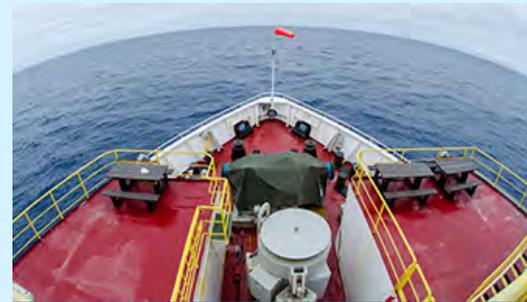


Southern Ocean Spatial Analysis and Modelling Course

In September 2019 the [SCAR Expert Group on Antarctic Biodiversity Informatics \(EG-](#)

Officer.

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IODP Expedition 379 Expedition Report

The International Ocean Discovery Program (IODP) Expedition 379 aimed to improve understanding of the history of the West Antarctic Ice Sheet by obtaining historical records from the continental margin.

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GIA Training School Success

41 participants, predominantly PhD students and postdocs, recently attended a 5-day international

[ABI](#)), partnered with the rOpenSci project and Antarctic Biodiversity Portal to organise a short course on tools for Southern Ocean spatial analysis and modelling using R.

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training school on glacial isostatic adjustment (GIA), run by SCAR's Solid Earth Response and Influence on Cryospheric Evolution Scientific Research Programme

[Details](#)

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

- **SCAR Brochure translations:** The SCAR brochure has now been translated in [Portuguese \(Portugal\)](#) and [Portuguese \(Brazil\)](#). Our thanks to APECS Brazil and APECS Portugal for this work. If you would like to translate the brochure into another language please [get in touch](#).
- **Report** on Sea Riser Modelling, of interest to the scientific drilling community. [Available on the SCAR PAIS website](#).

Events

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

- **Antarctic Parliamentarians:** The All-Party Parliamentary Group for the Polar regions will host the first ever Antarctic Parliamentarians Assembly in London in **December 2019**, with advice provided by SCAR. [Details](#).
- **APECS Workshop:** The Association for Polar Early Career Scientists (APECS) is organising a 1 day event "Research in Svalbard: An APECS Workshop" on Monday **4th November**. [Details](#).
- **Svalbard Science Conference:** APECS Norway, Russia and UK will be running a workshop about conducting research in Svalbard at the Svalbard Science Conference on the **4th November**. [Details](#).
- **The Third Polar Data Forum (PDF III)** will be hosted by the Finnish Meteorological Institute at their Dynamicum campus in Helsinki from **18 - 22 November 2019**. The registration deadline is the **18 October**. See the [conference website](#) for further information. [Details](#).
- The **6th Snow Science Winter School** will be held in Col du Lautaret from **16 - 22 February 2020**. Complete the [application form](#) by **20 October 2019** in order to be considered for the course. [Details](#).
- The **XXXIII URSI GASS (General Assembly and Scientific Symposium)** will be held in Rome from **29 August - 5 September 2020**. The submission deadline is 31 January 2020. [Details](#).

Opportunities

Opportunities from the SCAR community and wider research community

- **Research Associate Positions** open in Hobart, Tasmania: Several three-year research association positions are open at the University of Tasmania. **Closing date 10th October**. [Details](#).
- **Abstract submissions** are invited for the next special issue of *Advances in Polar Science*. The theme of the issue will be Polar regions in the global climate system. [Details](#).

- A **special issue** of the journal 'Insects' on **Polar Entomology** is open for manuscript submissions. Deadline **1st December 2019**. [Details](#).
- A **PhD position** is available at the University of Tasmania. Project title: GPS measurement of deformation of the Antarctic Plate. Expressions of Interest encouraged as soon as possible, closing date **February 2020**. [Details](#).
- The University of Canterbury and Constantia Consulting Ltd. are seeking a **PhD student** to examine and critique the effectiveness of the science / decision-maker nexus through the lens of Antarctic science. [Details](#).

Image of the month



This month's featured image comes from our article about IODP expedition 379, and was taken from drone footage captured by Phil Christie whilst on board the JOIDES Resolution. For more information about the expedition see our [website](#).

Please get in touch at info@scar.org if you'd like your photo to be featured here.



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