



SCAR Sub-Group

SG

SORP

PS

Person
Responsible:

Inga Smith

SCAR Executive Committee Meeting 2019

Plovdiv, Bulgaria, 29-31 July 2019

CLIVAR/CLiC/SCAR **Southern Ocean Region Panel** **2018-19 Report**

Report Authors

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Summary paragraph

The CLIVAR/CLiC/SCAR Southern Ocean Region Panel (SORP) organized three teleconferences among its panel members since the SCAR Delegates Meeting in 2018. The purpose of the teleconferences was to discuss science updates, organize upcoming events and the overall organization of the Panel activities.

Major outcomes include: the appointment of four new Panel members (from Canada, South Africa, Japan and Brazil); the appointment of new National Representatives (from Turkey, India, Sweden, United Kingdom and France) from which SORP has received already ten National Reports to build an overview of observational, modeling, national projects and initiatives, ocean reanalysis and state estimation initiatives relevant to the SORP; the establishment of Task Teams within SORP for a better coordination of SORP scientific efforts; the participation of some of the Panel members in two OceanObs'19 White Papers.

Upcoming activities include: the organization of a joint NORP-SORP coordinated session at the forthcoming IGS Sea Ice Symposium in 2019; the organization of a SOOS-SORP joint side meeting to be held alongside the SCAR OSC in 2020; the organization of the next SORP Panel Meeting (SORP-14) alongside SCAR OSC 2020; the early stages planning and organization of a possible joint NORP-SORP AGCI (Aspen Global Change Institute) workshop in spring 2020.

SORP updates

What has been achieved?

| Sub-group | Activity |
|-----------|----------------------------------|
| SORP | Four new Panel members |
| SORP | Ten 2018 National Reports |
| SORP | The establishment of Task Teams |
| SORP | Two OceanObs'19 White Papers |
| SORP | Six new national representatives |

What lies ahead?

| Sub-group | Activity |
|-----------|------------------------------------|
| SORP | SORP-14 alongside SCAR OSC in 2020 |
| | |

Membership

Changes to Sub Group Leadership since 2018 Delegates Meeting report

| Role | First Name | Last Name | Affiliation | Country | Email | Start Date | End Date |
|--------|------------|----------------|---------------------------------------|--------------|-------------------------|------------|----------|
| Member | Michiyo | Yamamoto-Kawai | Tokyo University | Japan | michiyo@kaiyodai.ac.jp | 2019 | 2021 |
| Member | Neil | Swart | Environment and Climate Change Canada | Canada | neil.swart@canada.ca | 2019 | 2021 |
| Member | Ronald | Souza | INPE | Brazil | ronald.buss@inpe.br | 2019 | 2021 |
| Member | Katye | Altieri | University of Cape Town | South Africa | katye.altieri@uct.ac.za | 2019 | 2021 |

*Please identify early-career researchers with * in first column*

SCAR Fellowship Reviewers

Please list any people (name and email address) volunteered by sub-groups who would be willing to serve as reviewers for the next few years, along with 1-3 keywords on their principal expertise.

| First Name | Last Name | E-mail | Principal Expertise |
|-----------------|-----------|------------------------|---|
| Riccardo | Farneti | rfarneti@ictp.it | Ocean modeling; Southern Ocean response to climate change; tropical-extratropical teleconnections |
| Inga | Smith | inga.smith@otago.ac.nz | Sea-ice observations; ice-ocean interactions; supercooling and platelet ice; isotopes |

Additional information (optional)

Outreach, communication and capacity-building activities

Brief highlights of any activities undertaken since the SCAR Delegates Meeting in 2018.

Notable Papers

1. Stammer, D., et al. 2019. Ocean climate observing requirements in support of climate research and climate information. Proceedings of OceanObs'19, Frontiers in Marine Science.
2. Newman, L., et al. 2019. Delivering sustained, coordinated and integrated observations of the Southern Ocean for global impact. Proceedings of OceanObs'19, Frontiers in Marine Science.

Direct support from outside organisations received for your activities

1. CLIVAR: CHF 3000
2. CliC: CHF 2500

Major collaborations your Science Group has with other SCAR groups and with organisations/groups beyond SCAR

Within SCAR

1. SOOS: providing scientific and technical input into international Southern Ocean research coordination.
2. ASPeCt: supporting and exploring co-sponsorship of conference sessions for POLAR2018 and mutual reporting.

Outside SCAR

1. CLIVAR/CliC Northern Oceans Region Panel (NORP): Jointly organising conference sessions and workshops, and jointly working on whitepapers.
2. Other CLIVAR region panels and research foci: jointly working on whitepapers.