

## News & Updates

The SCOR 2022 Annual Meeting was held in a hybrid mode between the 4-6 of October from Busan, Korea, hosted by the Korea Institute of Ocean Science and Technology (KIOST). The meeting was attended by 78 participants from 31 countries representing all continents. Of these, 22 participants from 11 countries attended on-site.

Within the framework of the SCOR 2022 Annual Meeting, a joint symposium on "Developing better capacity for Early Career Ocean Professionals (ECOPs)" was organized by SCOR, the North Pacific Marine Science Organization (PICES) and KIOST. In this joint session, members of the three organizations presented scientific highlights and discussed opportunities for ECOPs to be engaged within the UN Ocean Decade, SCOR and PICES.

The SCOR community continued to make significant progress in the last year despite the challenges and the SCOR Working Groups and large-scale projects altogether organized more than 120 virtual meetings throughout the year with some of the Working Groups and projects being able to meet in person again. The SCOR community also made remarkable scientific progress publishing almost 1000 scientific papers between 2021 and 2022.

All documents, reports and narrated presentations from the 2022 SCOR Annual Meeting can be found at the [SCOR website](#).



*Participants of the 2022 SCOR Annual Meeting at Haeundae beach, Busan.*



*Participants of the 2022 SCOR Annual Meeting at the venue, Paradise Hotel Busan.*



*Visit to the Korea Institute of Ocean Science and Technology (KIOST).*



*On site and online participants of the SCOR 2022 Annual Meeting .*

**Two new Working Groups were approved at the SCOR 2022 Annual Meeting**

**SCOR WG 166, Developing resources for the study of Methylated Sulfur compound cycling PROcesses in the ocean (DMS-PRO)**, will establish oceanographic multidisciplinary collaboration focused on the oceanic biogeochemical sulfur cycle. WG 166 will be co-chaired by Martí Galí (Spain) and Daniela del Valle (Argentina). Read more [here](#).

**SCOR WG 167, Reducing Uncertainty in Soluble aerosol Trace Element Deposition (RUSTED)**, will focus on assuring the quality of trace element solubility data from aerosol leaches and improving the handling of aeolian soluble iron in Earth System models. WG 167 will be co-chaired by Rachel Shelley (UK), Douglas Hamilton (USA), and Morgane Perron (France). Read more [here](#).

---

## Three new members to the SCOR Executive Committee

Peter Croot (UK/Ireland) was elected Secretary of SCOR (2022-2026) to replace Paul Myers (Canada), Ilka Peeken (Germany) was elected Vice-President (2022-2024) to replace Jing Zhang (Japan), and Wee Cheah (Malaysia) was appointed as the early career co-opted member (2022-2024) to replace Charlotte Laufkoetter (Switzerland).

SCOR welcomes Peter, Ilka and Wee wishing them a successful engagement with SCOR and acknowledges the valuable contributions and dedication of Paul, Jing and Charlotte!

More information about the new members [here](#).

---

## News from the SCOR Secretariat

### SCOR at United Nations events

#### UN Ocean Conference:

**SCOR statement** at the 7th Plenary session (30 June 2022): <https://www.youtube.com/watch?v=hvKsrQpvPW0>

**Side event:** Developing the capacity we need for the ocean we want (29 June 2022): <https://youtu.be/E0nJIXWvPTo>

**Side event:** From the Southern Ocean to the Arctic: A call to action via the UN Ocean Decade (27 June 2022): <https://www.youtube.com/watch?v=UoqDN7izxHw>

During the UN Ocean Conference, **SCOR** and the International Council for the Exploration of the Sea (**ICES**) signed a **collaboration agreement** aimed at furthering synergies between the two organizations based on their mutual interests. More information [here](#).

#### UN Intergovernmental Negotiating Committee (INC):

**Statement** from the Science and Technology Major Group on the topic of plastic pollution contributed by SCOR WG #153 on Floating Litter and its Oceanic TranSport Analysis and Modelling (FLOTSAM). Read more [here](#).

---

## Honours and recognitions

Several members of the SCOR community received in 2022 recognition for their significant contributions to ocean science and for their service to the oceanographic community.



**Marie A. Sicre (France)**  
**Emile Girardeau 2022 of the Académie de Marine**  
 Former SCOR President  
 Current SCOR Past-President  
 SCOR Nominated Member France



**Trevor McDougall (Australia)**  
**2022 Prime Minister's Prize for Science**  
 SCOR Executive Committee Member  
 President of IAPSO  
 Former SCOR Nominated Member for Australia



**Frank Muller-Karger (USA)**  
**2021 William T. Pecora Award**  
 Former IMBeR SSC  
 Member WGs #154 and #158



**Vanessa Hatje (Brazil)**  
**2022 Paul Gast Lecturer**  
 Member of the SCOR Capacity  
 Development Committee  
 Former GEOTRACES SSC  
 Member WG #145



**Lynne Shannon (South Africa)**  
**2022 Gilchrist Memorial Award**  
 IMBeR SSC member  
 Member WGs #119 and #155  
 Member IMBeR Review Panel

## Capacity Development

Applications for 2023 SCOR Visiting Scholars is open until the 23 of December 2022. More information about the program and how to apply [here](#).

## Recipients of the 2022 POGO-SCOR Visiting Fellowships

Six POGO-SCOR Fellows were approved in 2022:

- **María Emilia Bravo (Argentina)** will train on polychaetes associated with recently discovered methane seeps off-Argentina - Scripps Institution of Oceanography, USA.
- **Maya Eria Sinurat (Indonesia)** will train on Altimetry Data Processing Training for Sea Level Trend and Variability at the Biophysics Operating Unit, Italy.
- **Sangeeta Naik (India)** will train on Bacterial farming by mixoplankton in the global oceans at Cardiff University, UK.
- **Brendon Damini (Brazil)** will train on Autonomous underwater vehicles (SeaGlider) as a tool to improve Antarctic shelf regions studies at University of East Anglia, UK.
- **Anwasha Ghosh (India)** will train on Integrating coastal observations to explore the biological impacts of climate change at Plymouth Marine Laboratory, UK.
- **Isabelle de Oliveira (Brazil)** will train on Ocean-Atmosphere processes in response to climate change in the tropical South Atlantic at the University of Bergen, Norway.

The full list of recipients since 2001 can be found [here](#).

## Recipients of the 2022 Exceptional Call for Early Career Scholars and Fellows



Amii Usese  
Nigeria to UK  
IMBeR - fellow



Natalia Osma  
Chile to Spain  
ReMO - fellow



Luciana Santoferara  
USA to Argentina  
WG 165 - scholar



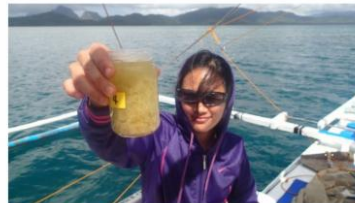
Saumya Silori  
India to Spain  
ReMO - fellow



Micaela Trimble  
Uruguay to Canada  
IMBeR - fellow



Frances Gulland  
USA to South Africa  
GlobalHAB - scholar



MaryMar Payne  
Philippines to Japan  
MetaZooGene - fellow



Nina Schubak  
Germany/UK to Brazil  
WG 156 - scholar

---

## Renovation of the SCOR Committee on Capacity Development

Rebecca Zitoun (Germany) was appointed Chair of the Capacity Development Committee, and Dr. Moagabi Ragoasha (South Africa), Dr. Mauro Cirano (Brazil), and Viena Puigcorb  (Spain) were appointed as new members of the Committee.

SCOR wishes them a successful engagement and acknowledges the valuable contributions and dedication of former Chair Claudia Ben tez-Nelson (USA) and committee member Vanessa Hatje (Brazil) for their outstanding services to the SCOR community for the last years.

More information [here](#)

---

## News from the projects

- [Dr. Diana Ruiz Pino \(France\)](#) was appointed the new chair of the [IMBeR Scientific Steering Committee](#) to replace Prof. Carol Robinson (UK)
- [Dr. Sian Henley \(UK\)](#) was appointed co-chair of the Southern Ocean Observing System ([SOOS](#)) [Scientific Steering Committee](#) to replace Dr. Mike Williams (New Zealand), and [Dr. Irene Schloss \(Argentina\)](#) was appointed as vice-chair to replace Dr. Sian Henley.
- [Dr. Peter Tyack \(USA\)](#) was reappointed as co-chair of the [Science Committee of the International Quiet Ocean Experiment \(IQOE\)](#) project, and [Steve Simpson \(UK\)](#) was appointed as the other co-chair.

### Latest news from the projects at:

#### SCOR Research projects:

- Marine biogeochemical cycles of trace elements and their isotopes ([GEOTRACES](#))
- Integrated Marine Biosphere Research ([IMBeR](#))
- Surface Ocean Lower Atmosphere Studies ([SOLAS](#))
- International Indian Ocean Expedition II ([IIOE-2](#))
- International Quiet Ocean Experiment ([IQOE](#))

#### SCOR Infrastructural projects:

- International Ocean Carbon Coordination Project ([OCCP](#))
  - Global Harmful Algal Blooms ([GlobalHAB](#))
  - Southern Ocean Observing System ([SOOS](#))
  - Changing Ocean Biological Systems ([COBS](#))
  - Joint Committee on Seawater ([JCS](#))
-

## Publications

Some of the most recent contributions from the SCOR community include:

Boss, E., Waite, A. M., Karstensen, J., Trull, T., Muller-Karger, F., Sosik, H. M., et al. (2022). Recommendations for Plankton Measurements on OceanSITES Moorings With Relevance to Other Observing Sites. *Front. Mar. Sci.* 9, 929436. [doi: 10.3389/fmars.2022.929436](https://doi.org/10.3389/fmars.2022.929436).

Brodie, S., Addey, C. I., Cvitanovic, C., Dias, B. S., Frainer, A., García-Morales, S., et al. (2022). Editorial: Solving Complex Ocean Challenges Through Interdisciplinary Research: Advances from Early Career Marine Scientists. *Front. Mar. Sci.* 9, 913459. [doi: 10.3389/fmars.2022.913459](https://doi.org/10.3389/fmars.2022.913459).

Bucklin, A., Batta-Lona, P. G., Questel, J. M., Wiebe, P. H., Richardson, D. E., Copley, N. J., et al. (2022). COI Metabarcoding of Zooplankton Species Diversity for Time-Series Monitoring of the NW Atlantic Continental Shelf. *Front. Mar. Sci.* 9, 867893. [doi: 10.3389/fmars.2022.867893](https://doi.org/10.3389/fmars.2022.867893).

Clegg, S. L., Humphreys, M. P., Waters, J. F., Turner, D. R., and Dickson, A. G. (2022). Chemical speciation models based upon the Pitzer activity coefficient equations, including the propagation of uncertainties. II. Tris buffers in artificial seawater at 25 °C, and an assessment of the seawater 'Total' pH scale. *Marine Chemistry* 244, 104096. [doi: 10.1016/j.marchem.2022.104096](https://doi.org/10.1016/j.marchem.2022.104096).

Humphreys, M. P., Waters, J. F., Turner, D. R., Dickson, A. G., and Clegg, S. L. (2022). Chemical speciation models based upon the Pitzer activity coefficient equations, including the propagation of uncertainties: Artificial seawater from 0 to 45 °C. *Marine Chemistry* 244, 104095. [doi: 10.1016/j.marchem.2022.104095](https://doi.org/10.1016/j.marchem.2022.104095).

Parsons, M. J. G., Lin, T.-H., Mooney, T. A., Erbe, C., Juanes, F., Lammers, M., et al. (2022). Sounding the Call for a Global Library of Underwater Biological Sounds. *Front. Ecol. Evol.* 10, 810156. [doi: 10.3389/fevo.2022.810156](https://doi.org/10.3389/fevo.2022.810156).

---

## Obituaries

The 2022 memorials for scientists involved with SCOR can be read [here](#). SCOR pays tribute to Philip Roy Pugh (National Oceanography Center, UK), Raymond Pollard (National Oceanography Center, UK), Robie Macdonald (Fisheries and Oceans, Canada), Viktor Akulich (Russian Academy of Sciences, Russia), Timothy Parson (University of British Columbia, Canada), Jordi Garcia-Orellana (Autonomous University of Barcelona, Spain), Myriam Sibuet (IFREMER, France), David Pugh (National Oceanography Center, UK).

---

For updates on SCOR activities, see our [Latest News](#) section  
Follow us on [Facebook](#) and [Twitter](#)

**Dr. Patricia Miloslavich**  
**SCOR Executive Director**