

February 2026 SCOR Newsletter #59

[View as Webpage](#)



SCOR News

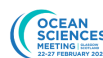
SCOR at the Ocean Sciences Meeting

SCOR will have a strong presence at the 2026 Ocean Sciences Meeting in Glasgow, Scotland! Use this opportunity to learn more about SCOR about build your international network!

SCOR Booth (#97): SCOR's Executive Director and representatives from SCOR committees and activities will be available at [Booth #97](#). Interested in a specific activity? [Please view the booth schedule.](#)

Visit SCOR at OSM26!

We're excited to connect at OSM26! Visit us in Booth #97, attend the social event, and participate in SCOR-related sessions.



Social Event!: Open to all! Representatives from SCOR committees and activities as well as anyone—especially early-career scientists—interested in learning more about SCOR's activities and opportunities are encouraged to attend to build connections across the community.

- **Date & Time:** Thursday, 26 February, 18:00-20:00 GMT
- **Location:** Hotel Indigo Turbine 75 Bar, 75 Waterloo St
- **RSVPs** are requested to best inform event arrangements. [Register here.](#)

The online listing of SCOR-Related Activities [can be found here](#) and will be updated as needed.

SCOR is a sponsor of the 2026 Ocean Sciences Meeting by supporting participation of early-career, developing country scientists through the [travel grant program](#)

Working Groups and Projects at OSM 2026

WG 161 [ReMO](#)

- Poster Session [OB14G – Respiration in the Mesopelagic Ocean: Reconciling Ecological, Biogeochemical, and Model Estimates I Poster](#)

WG 165 [MixONET](#)

- MixONET Co-Chair, Aditee Mitra, will deliver one of the conference [Plenaries](#).

WG 168 [4D-BGC](#)

- Sessions related to the goals of working group are listed [here](#).

WG 170 [PRIMO](#)

- Quantifying and Linking 'Omics, Physiology, and Models in Marine Microbiology
 - [eLightning Session OB42D](#)
 - [Poster Session OB44G](#)

WG 171 [MASIS](#)

- Poster Session [CC14G – Stable Isotopes in the Marine Environment: Applications, Modeling, and Best Practices I Poster](#)

WG 172 SALTWATER

- Marine and Hydrological Processes Impacting on Estuarine Saltwater Intrusions
 - [eLighting Session CP33B](#)
 - [Poster Session CP34B](#)

GEOTRACES (view complete information [here](#))

- Demonstration of the new 2025 Intermediate Data Product and the DOoR data submission portal will be conducted at the SCOR booth on Wednesday, 25 February, 14:15–15:30.
- Multitracer Approaches to Understanding and Quantifying Marine Biogeochemical Processes
 - [Poster Session OB44F](#)
 - [Oral Session II OB51B](#)
 - [Oral Session III OB52C](#)
 - [Oral Session IV OB53A](#)
- Coastal, Shelf, and Island Mass Effects on Trace Element Biogeochemistry in the Ocean I eLightning
 - [eLightning Session CB31A](#)
 - [Poster Session CB34A](#)
- Poster Session [HE24C – Mercury in Polar Waters: Sources, Transformations, and Bioaccumulation in Food Webs I Poster](#)
- Poster Session [OB14H – Revising the Ocean Silicon Cycle: Pathways, Stoichiometry, and Climate-Carbon Feedback in the Anthropocene I Poster](#)

IIOE-2

- Oral Presentation [PS23B-07 Investigating interactions between the Agulhas Current and Algoa Bay along the east coast of South Africa](#) (IIOE-2-endorsed project)

IMBeR (view complete information [here](#))

- Oral Presentation [ED51A-13 Capacity Development for International Collaborative Integrated Marine Biosphere Research \(IMBeR\): Lessons from the International Project Office](#)
- Poster [Action Plan for the Ocean and the OCEAN100+ Team](#)
- Town Hall [TH43A – Broadening the Ocean Science Workforce for a More Equitable, Inclusive, and Engaged Community](#) (IMECaN in collaboration with Challenger Society for Marine Science, and The Oceanography Society JEDI)
- Oral Presentation [PI33A-04 Light as a control on pico and nanoplankton abundance and distribution in Irish Marine Transitional Waters](#) (IMBeR-endorsed project NUTS&BOLTS)

IOCCP

- Town Hall [TH13J – The Surface Ocean CO2 Reference Observing Network \(SOCONET\): An Emerging Network Within the Global Ocean Observing System Focused on Providing Data to Support Estimates of Ocean Carbon Uptake—Current Status and Future Prospects](#)

SOOS (view complete information [here](#))

- Town Hall [TH53E – Open Science and Data for Polar Research](#)
- Poster Session [OT34B – Emerging Technologies to Enhance Southern Ocean and Antarctic Observations](#)
- Poster [Southern Ocean Observing System for Sustained and Coordinated Observations in a Changing World](#)
- Poster [DueSouth: Advancing Sustainable and Collaborative Polar Science Through Shared Logistics](#)
- Poster [Open Access to the Southern Ocean: SOOSmap as a Gateway to Multidisciplinary Data](#)

SOLAS (view complete information [here](#))

- Town Hall [TH13H – Surface Ocean–Lower Atmosphere Study \(SOLAS\) 3.0: From Science to Solutions](#)
- SOLAS and SOCOM: Understanding Interactions and Feedbacks Between the Ocean and Atmosphere
 - [Poster Session AI34C](#)
 - [Oral Session AI51A](#)

Other Events of Interest to the SCOR Community

- Town Hall [TH33B – BioGeoSCAPES: Querying the Ocean’s Microbial Life Support System](#)
 - [BioGeoSCAPES](#) has engaged with SCOR on the development of the science plan launching this year.
- Oral Presentation [CC12B-09 Integrated Ocean Carbon Research: a vision primed for implementation](#)

- Development of the new IOC-R report was co-sponsored by the Global Carbon Project, **SOLAS**, **IMBeR**, CLIVAR, **IOCCP**, and the Intergovernmental Oceanographic Commission of UNESCO (IOC).
- Event: [The UN Ocean Decade Early Career Ocean Professionals \(ECOP\) Programme – benefits and how to get involved!](#)

Now Open! Call for Working Group Proposals

SCOR invites proposals for new working groups to commence activities in late 2026. SCOR working groups are international groups of scientists composed to address focused scientific issues that are impeding the advancement of contemporary ocean science. SCOR typically supports 1-3 new working groups annually, pending availability of funds and the outcome of the proposal review.

Deadline for submission: **10 April 2026**.

The proposal template and instructions/FAQs to help prepare the proposals can be found [here](#).

Call for New SCOR Working Group Proposals

Working groups receive funding from SCOR to support international cooperation to make progress in a focused topic in the ocean sciences.



**Submit proposals by
10 April 2026**



Working Group 166 DMS-PRO 2025 Meeting

News from the Working Groups and Projects

SAVE THE DATE: 2026 Ocean Sound Workshop Announced

An international committee, co-chaired by Peter Tyack and Karolin Thomisch, is planning an open workshop to discuss follow-on activities to the **International Quiet Ocean Experiment (IQOE)** and continued implementation of the Ocean Sound Essential Ocean Variable of the Global Ocean Observing System. The workshop will be held on 22-24 September 2026 in Oostende, Belgium. More details will be available soon.

[Subscribe to IQOE news for information as it becomes available](#)

Event Report: International Indian Ocean Science Conference 2025

The overarching goal of this landmark event was to showcase the progress and scientific knowledge gained during the past decade of the **second International Indian Ocean Expedition: IIOE-2**. The conference was held 1-5 December 2025 in Hyderabad, India, hosted by the Indian National Centre for Ocean Information Services (INCOIS) under the Ministry of Earth Sciences (MoES), and attended by 361 delegates from 15 countries.

The conference included a workshop organized by the IIOE-2 [Early Career Scientist Network](#) on the topic of "Empowering Early Career Researchers for Collaborative Ocean Science and Leadership." The workshop aimed to strengthen scientific capacity, enhance professional networking, and nurture leadership skills among early career scientists in alignment with IIOE-2 and the UN Decade of Ocean Science for Sustainable Development.

The conference served as a launching point for the IIOE-2 [Science Plan Addendum](#), which will guide the next five years of activity for the project until 2030. The addendum continues the science themes established in the original Plan, continuing the momentum re-established since onset of COVID-19, while increasing the efforts fully examine the biogeochemical and ecological impacts of anthropogenic influences on the ocean and how these will, in turn, impact coastal marine environments and human populations.

[Read the event report in the December 2025 IIOE-2 newsletter](#)

Event Report: **SOOS en Español**

Irene Schloss, SOOS Co-chair, and Martina Mascioni, SOOS WAPSA Regional Working Group APECS Representative, attended the XII Jornadas Nacionales de Ciencias del Mar – XX Coloquio de Oceanografía (JNCM–CO), held from 1–5 December 2025 in Puerto Madryn, Argentina. The conference brought together the national marine science community under the theme "Los océanos, un mar de oportunidades para nuestro futuro." They delivered a presentation about SOOS in Spanish, strengthen connections with the Spanish-speaking marine science community.

Irene Schloss, copresidenta de SOOS, y Martina Mascioni, representante de APECS del Grupo de Trabajo Regional WAPSA de SOOS, asistieron a las XII Jornadas Nacionales de Ciencias del Mar – XX Coloquio de Oceanografía (JNCM–CO), celebradas del 1 al 5 de diciembre de 2025 en Puerto Madryn, Argentina. El congreso reunió a la comunidad nacional de ciencias marinas bajo el lema «Los océanos, un mar de oportunidades para nuestro futuro». Allí presentaron una exposición sobre SOOS en español, fortaleciendo los vínculos con la comunidad científica marina de habla hispana.

[Introducción a SOOS en Español](#)

GO-SHIP awarded by The Oceanography Society

The Oceanography Society (TOS) has awarded the Ocean Observing Team Award to the Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP). The award recognizes 20 years of internationally coordinated, high-quality, high-resolution repeat hydrographic measurements, documenting decadal changes in ocean circulation, heat, carbon, oxygen, and nutrients essential for understanding Earth's climate.

Since 2007 when **IOCCP** and CLIVAR communities established GO-SHIP, IOCCP has been an active supporter of the Program, and several former and current IOCCP Scientific Steering Group and Project Office members are amongst the named individuals who will be recognized during TOS's Awards Breakfast at the Ocean Sciences Meeting.

Read the [IOCCP News Item](#) and [TOS Announcement](#)

GEOTRACES Sessions at Goldschmidt 2026

Abstract submissions are invited to the GEOTRACES sessions organized at Goldschmidt 2026 (12-17 July 2026, Montréal, Quebec, Canada). The abstract submission deadline is **26 February 2026**.

- [12c – The Role of Boundaries Across Scales in Shaping Marine Trace Element Distributions](#)
- [12j – Applications of naturally-occurring radioactive isotopes and constant flux proxies in seawater and marine sediments](#)
- [09k – Integrating Biological and Geochemical Perspectives on Trace Metal\(loid\) Transformations Across Ecosystems](#)

[Read more here](#)

SOOS Sessions at the SCAR Open Science Conference

SOOS is planning to have a strong presence at the 12th [SCAR \(Scientific Committee on Antarctic Research\) Open Science Conference](#), taking place 10–14 August 2026 in Oslo, Norway. If you are planning to submit an abstract related to SOOS, please [reach out to SOOS](#) to coordinate efforts.

[The SOOS-related sessions are listed in the December 2025 SOOS newsletter](#)

SCOR-related Sessions at EGU 2026

The 2026 European Geosciences Union general assembly will be held in Vienna, Austria & Online, 3-8 May 2026. Abstract submission is closed but you may be interested in visiting the following SCOR-related sessions.

GEOTRACES

- [Chemical Processes in Coastal Oceans: Natural and Anthropogenic impacts on the biogeochemical processes](#)

SOLAS

- [Surface exchange fluxes above the oceans and at the poles: chemistry, biogeochemistry, physics and climate impacts](#)

Even more news from the projects can be found 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 ([IOCCP](#))
- Global Harmful Algal Blooms ([GlobalHAB](#))
- Southern Ocean Observing System ([SOOS](#))
- Changing Ocean Biological Systems ([COBS](#))

Publication Highlights

Invitation to Contribute

Special Issue: “Greenhouse Gas Budgets Across the Land–Ocean Continuum”

SOLAS and Ocean–Land–Atmosphere Research (OLAR) are pleased to invite submissions to a special section entitled “Greenhouse Gas Budgets Across the Land–Ocean Continuum” throughout 2026.

[Read more here](#)

WG 161 ReMO: Biswas, H., Robinson, C., Iversen, M., Álvarez-Salgado, X. A., Aristegui, J., Bressac, M., Flynn, R. F., Lefevre, D., & Tamburini, C. (2026). The Mystery of Respiration in the Dark Ocean. *Frontiers for Young Minds*, 14, 1578373. <https://doi.org/10.3389/frym.2026.1578373>

WG 158 C-GRASS: Duffy, J. E., Appeltans, W., Benson, A., Connolly, R. M., de la Torre-Castro, M., Dierssen, H. M., Fortes, M. D., Fourqurean, J. W., Hessing-Lewis, M., Jarvis, J. C., Kenworthy, W. J., Krause, J. R., Lara Lopez, A., Lefcheck, J. S., Lizcano-Sandoval, L., Lonneman, M., McKenzie, L., Muller-Karger, F. E., Nakaoka, M., ... Unsworth, R. K. F. (2025). Measuring and Reporting on Seagrass as an Essential Ocean Variable for Science and Management. *BioScience*, biaf199. <https://doi.org/10.1093/biosci/biaf199>

IOCCP: Garçon, V., Isensee, K., Sterling, J., Lange, N., Buttigieg, P. L., Atamanchuk, D., Babbin, A. R., Bhaskar, U., Buga, L., Calewaert, J.-B., Canfield, D. E., Carval, T., Cheng, L., Crowe, S., Dai, M., de Bruin, T., Garcia, H., Giorgetti, A., Grégoire, M., ... Zhou, Y. (2026). Ocean oxygen data: How to measure, how to manage? *Environmental Research Letters*, 21(3), 033003. <https://doi.org/10.1088/1748-9326/ae3c37>

IOCCP: Martín Míguez, B., Heslop, E., Bax, N., Benedetti-Cecchi, L., Canonico, G., Currie, K., Evans, K., Fischer, A. S., Garçon, V., Hood, M., Karstensen, J., Lara-López, A., Legler, D., Muller-Karger, F. E., Nair Thayannur Mullachery, B., Nordlund, L. M., Palacz, A. P., Post, J., Simmons, S. E., ... Yu, W. (2026). GOOS Essential Ocean Variables: The backbone of a sustained and evolving global ocean observing system. *Frontiers in Marine Science*, Volume 13-2026. <https://doi.org/10.3389/fmars.2026.1737002>

**The following publications are contributions to the SOOS Special Feature in *Elementa*:
Understanding the Trajectory and Implication of a Changing Southern Ocean: The Need for an
Integrated Observing System**

SOOS: Plasman, C., Hancock, A. M., Raymond, B., Bax, N., Fierro-Arcos, D., Henley, S. F., Benson, A., Corney, S., Evans, K., Friscourt, N., Eriksen, R. S., Henderson, A. F., Halfter, S., Jansen, J., McMahon, C. R., Meijers, A., Miloslavich, P., ten Hoopen, P., Corney, I., ... Van de Putte, A. (2026). Developing Essential Biodiversity Variables for the Southern Ocean: From data gaps to valuable insights. *Elementa: Science of the Anthropocene*, 14(1), 00038. <https://doi.org/10.1525/elementa.2025.00038>

SOOS SOFLUX: Prend, C. J., du Plessis, M. D., Mazloff, M. R., Sunnercrantz, L., Swart, S., & Gille, S. T. (2025). Observing system requirements for measuring high-frequency air–sea fluxes in the Southern Ocean. *Elementa: Science of the Anthropocene*, 13(1), 00061. <https://doi.org/10.1525/elementa.2024.00061>

SOOS: ten Hoopen, P., Novellino, A., Hancock, A. M., Bricher, P., De Pooter, D., Felden, J., Henley, S. F., Kool, J., Kozyr, A., Miller, M. E., Treasure, A. M., Van de Putte, A. P., Verhey, C., & Data Management Sub-Committee, S. O. O. S. (2025). SOOSmap: Your gateway to Antarctic data discovery. *Elementa: Science of the Anthropocene*, 13(1), 00099. <https://doi.org/10.1525/elementa.2024.00099>

In Memoriam

Frank Millero (USA), professor emeritus at the University of Miami, passed away 25 December 2025. Frank was a titan and pioneer of marine chemistry whose foundational work on the physical chemistry of natural waters reshaped our understanding of the ocean, particularly in the areas of carbon and trace metal cycling. His early work in the 1960s and 70s refined and improved the definition and measurement of salinity, resulting in the development of the practical salinity scale (1978), used universally by every oceanographer. [Read the full Memoriam from the OCB Newsletter](#)

His legacy is felt in his contributions to the global community through SCOR, which started as service as a Member of **WG 10** Oceanographic Tables and Standards (reconstituted as JPOTS, the Joint Panel on Oceanographic Tables and Standards). He then served as a Member of **WG 62** Carbon Budget of the Ocean, Chair of **WG 102** Comparative Salinity and Density of the Atlantic and Pacific Ocean Basins, Full Member of **WG 127** Thermodynamics and Equation of State of Seawater—leading to the development of TEOS-10, and Associate Member of **WG 145** Modelling Chemical Speciation in Seawater to Meet 21st Century Needs (MARCHEMSPEC). He also served for 10 years as a member of the Salinity/Density Subgroup of the **Joint Committee on Seawater**. In all, his involvement spanned more than 5 decades.



Emily Twigg SCOR Executive Director

For updates on SCOR activities, see our [Latest News](#) section
Follow us on [X](#), [Facebook](#), [LinkedIn](#), or [Bluesky](#)