



The Scientific Committee on Oceanic Research (SCOR)

2024-2025 Activities

Emily Twigg, Executive Director



International
Science Council

Developing capacity and advancing ocean sciences through international cooperation since 1957



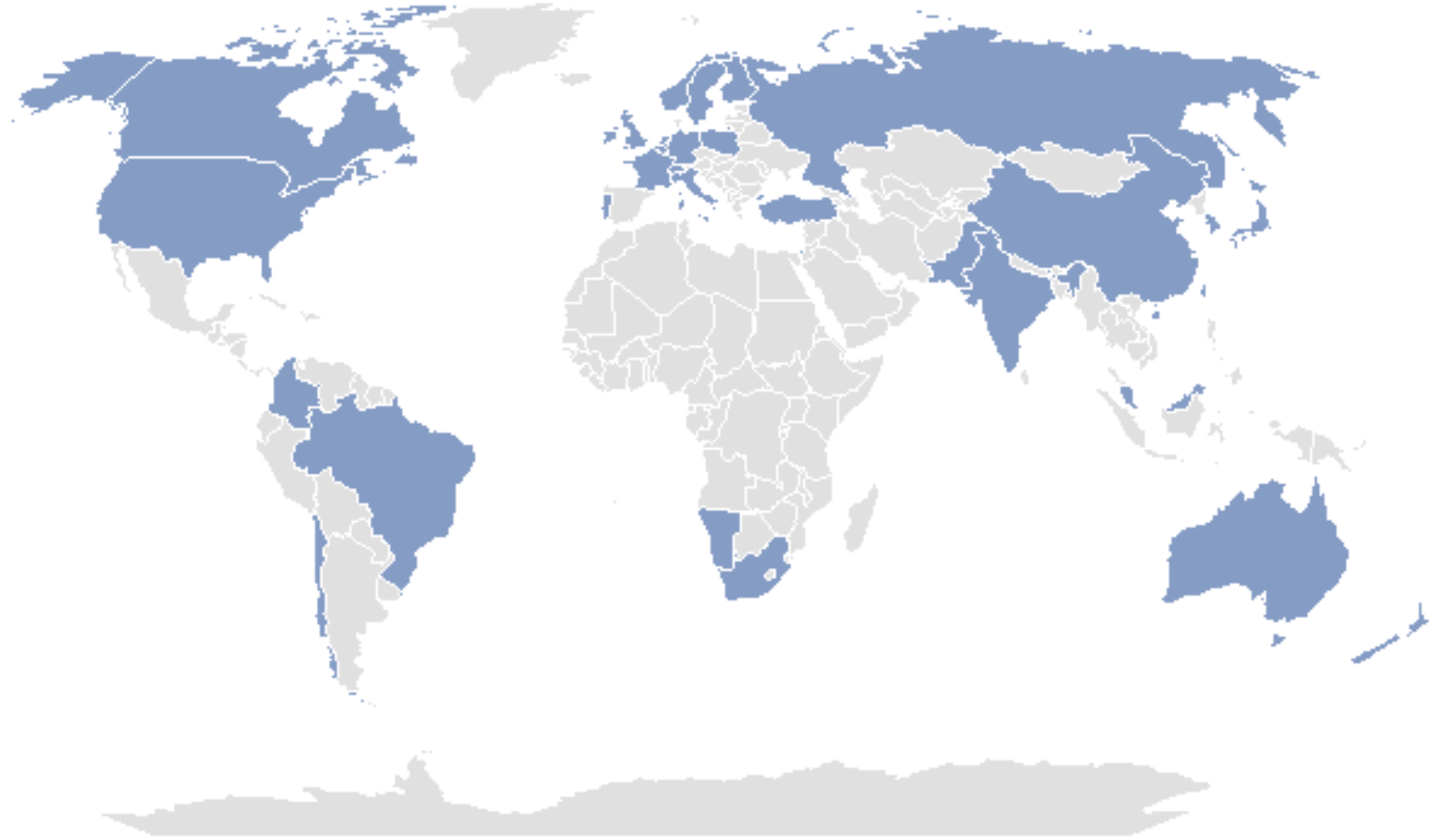
Mission

- Address **global and multidisciplinary ocean issues**
 - Plan and facilitate **research** – working groups and projects
 - Solve **methodological and conceptual problems**
 - **Develop capacity** - visiting scholars, fellowships, travel support
 - Promote **equity, diversity, inclusion** in oceans sciences
 - Encourage and support involvement of **students** and **early-career** scientists
-
- **Non-governmental, non-profit organization established in 1957 under International Council for Scientific Unions, now the International Science Council**
 - **Funded by membership contributions of national SCOR committees and from national and international agencies and organizations, including host institutions for project offices.**

32 SCOR National Committees



Australia	Korea
Belgium	Malaysia
Brazil	Namibia
Canada	Netherlands
Chile	New Zealand
China-Beijing	Norway
China-Taipei	Pakistan
Colombia	Poland
Finland	Portugal
France	Russia
Germany	South Africa
India	Sweden
Ireland	Switzerland
Israel	Turkey
Italy	United Kingdom
Japan	United States



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Executive Committee 2024-2026



President



Paul Myers
Canada

Past-President



Sinjae Yoo
Korea

Secretary



Peter Croot
Ireland

The Vice-Presidents



Yukio Masumoto
Japan



Ilka Peeken
Germany



Constanza Ricaurte
Colombia

The scientific organizations – Ex-officio



Judith Gobin
Trinidad and Tobago, IABO



Andrea Flossmann
France, IAMAS



Hans van Haren
The Netherlands, IAPSO

The co-opted members



Kai Deng
China



Hilikka Ndjaula
Namibia

Capacity Development Committee



Chair: Rebecca Zitoun (Australia)

- Sanae Chiba (Canada)
- Mauro Cirano (Brazil)
- Ebenezer Nyadjro (USA)
- Nubi Olubunmi Ayoola (Nigeria)
- Moagabo Ragoasha (South Africa)
- Sazlina Salleh (Malaysia)
- Viena Puigcorbé (Spain)
- Paula Sierra (Colombia)
- Dale Webber (Jamaica)
- Sun Xiaoxia (China-Beijing)

Secretariat:

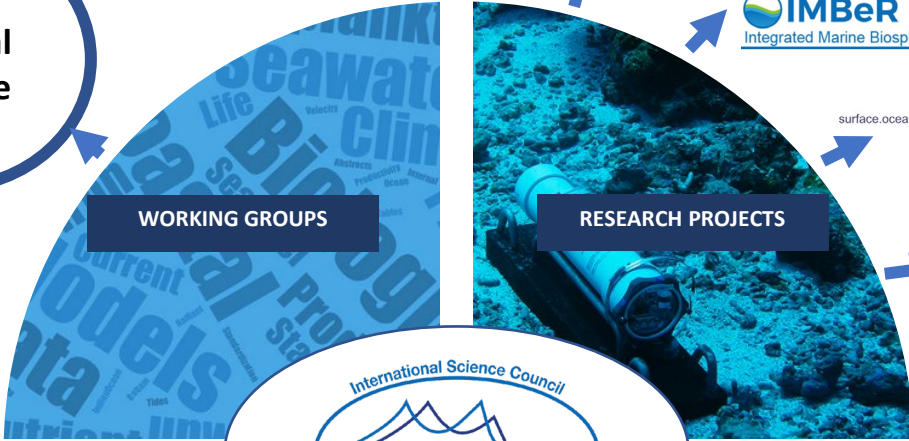
➤ **Hosted by University of Delaware CEOE since 2007**

- **Executive Director:** Emily Twigg
- **Financial Consultant:** Ed Urban (former Executive Director)

SCOR Activities



172 Total
14 Active



GEOTRACES

IMBeR
Integrated Marine Biosphere Research
Integrated Marine Biosphere Research (IMBeR) project

surface.ocean solas 20192 lower.atmosphere.study
Surface Ocean-Lower Atmosphere Study (SOLAS)

IQOE
International Quiet Ocean Experiment
International Quiet Ocean Experiment (IQOE)

IIOE-2
2nd International Indian Ocean Expedition
Second International Indian Ocean Expedition (IIOE-2)

- Visiting Scholars
- Fellowships
- Travel support
- Research Discover Camp

International Ocean Carbon Coordination Project (IOCCP)



Southern Ocean Observing System (SOOS)



Global Harmful Algal Blooms (GlobalHAB)



Changing Ocean Biological Systems (COBS)



Changing Ocean Biological Systems COBS

Joint Committee on Seawater (JCS)



Joint Committee on Seawater

AFFILIATED PROJECTS

SCOR Working Groups

<https://scor-int.org/work/groups/>

Physical oceanography



WG-160: ATOMIX (2020)

Analysing ocean turbulence observations to quantify mixing

WG-172: SALTWATER (2024)

Oceanic Salt Intrusion into Tidal Freshwater Rivers

Chemical oceanography



WG-167: RUSTED (2022)

Reducing Uncertainty in Soluble aerosol Trace Element Deposition

WG-171: MASIS (2024)

Towards best practices for Measuring and Archiving Stable Isotopes in Seawater

Biological oceanography



WG-158: C-GRASS (2019)

Coordinated Global Research Assessment of Seagrass System

WG-164: CoNCENSUS (2021)

Advancing standardisation of COastal and Nearshore demersal fish visual CENSUS techniques

WG-165: MixONET (2021)

Mixotrophy in the Oceans – Novel Experimental designs and Tools for a new trophic paradigm

WG-169 GLUBS (2023)

Global Library of Underwater Biological Sounds

WG-170 PRIMO (2023)

Physiology and Rates in Microbial Oceanography

Biogeochemical oceanography



WG-161: ReMO (2020)

Respiration in the Mesopelagic Ocean: Reconciling ecological, biogeochemical and model estimates

WG-162: OASIS (2020)

Developing an Observing Air-Sea Interactions State

WG-163: Clce2Clouds (2021)

Coupling of ocean-ice-atmosphere processes: from sea-ice biogeochemistry to aerosols and Clouds

WG-166: DMS-PRO (2022)

Developing resources for the study of Methylated Sulfur compound cycling PROCesses in the ocean

WG-168 4D-BGC (2023)

Coordinating the development of gridded four-dimensional data products from biogeochemical-Argo observations



- Mechanisms for international cooperation around a focused topic
- \$45k USD over a duration of 3-4 years
- 10 Full and 10 Associate members
- Must be geographically balanced and include early-career researchers
- Proposals due annually in May

Capacity Development



Objectives:

- Strengthen core skills and competencies in developing countries*
- Network and build relationships
- Promote involvement in SCOR's activities

**Developing countries are Low-Income, Lower-Middle-Income, and Upper-Middle-Income economies defined by the World Bank. SCOR also includes some Small Island Developing States for eligibility.*

Visiting Scholar Program

Since 2009
61 Scholars
from 25 countries
in 27 host countries

POGO-SCOR Fellowships

Since 2001
>165 fellows awarded

Travel Support

Since 1984
>220 Meetings*
>1300 Scientists*
*Tracked since 1999

Regional Graduate Networks

Research Discovery Camp
at University of Namibia
since 2014

**Involvement of Early Career
and Developing Country
Scientists in SCOR's Working
Groups and Projects**

Summer Schools

GEOTRACES
SOLAS
IMBeR
IOCCP

Visiting Scholar Program

<https://scor-int.org/work/capacity/visiting-scholars/>

Applications due annually in
December



- Up to \$2500 support for travel expenses in partnership with support from host
- To conduct on-site education and/or mentorship at developing country institutions for 2 or more weeks



CHARLAS DEL CIMAR



"La importancia de estudiar el océano profundo"

El Decenio de las Naciones Unidas de las Ciencias Oceánicas promueve el desarrollo para que las comunidades locales puedan ampliar el estudio del océano profundo. Esta conferencia presentará los desafíos para generar conocimiento científico, las oportunidades de colaboración en la región y reflexión en un tema fundamental del océano profundo.

Día: 9 de marzo
Hora: 4:00 pm
Lugar: aula del CIMAR

ELVA ESCOBAR BRIONES
INSTITUTO DE CIENCIAS DEL MAR Y LIMNOLOGÍA
UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO



Fotografía: Mar profundo UCR

Travel Grants

<https://scor-int.org/work/capacity/travel-grants/>



- SCOR accepts applications from meeting/training organizers
- Support allows organizers to fund the travel of participants who are:
 - Early career (students or less than 10 years post-degree)
 - In the ocean sciences
 - From developing countries
 - Presenting at a meeting/conference or attending a training/workshop

**Application deadlines 4 times per year,
at least 6 months in advance of event**

SCOR Travel Support

ANNOUNCEMENT: As of October 2023, travel grant applications are now reviewed on a quarterly basis with deadlines at the end of March, June, September, and December.

SCOR provides travel support for early-career scientists from low- to medium-income countries to attend ocean science meetings, conferences, workshops, and training. Please read the information below and [fill out the application form](#).

Who can apply?

Requests for travel support will only be accepted from meeting organizers. Meeting organizers conduct their own selection process for grant recipients.

When are applications due?

Applications are reviewed by the SCOR Capacity Development Committee four times per year with deadlines of **March 31**, **June 30**, **September 30**, and **December 31**. Additionally, they should be submitted at least 6 months before the event. Organizers may make a request to the SCOR Secretariat for an urgent review.

Who is eligible to receive a travel grant?

Travel grants are intended for individuals meeting the following criteria:

- Identify as early-career (enrolled as students or up to 10 years post-degree) individuals in ocean science and/or other marine-related topics.
- Delivering an oral presentation or poster at the meeting/conference or participating in a training/workshop.
- Based in an eligible developing country, [listed here](#). Recipients should not be based in the country where the event is held.
- Have not received a SCOR travel grant within the past 2 years.



IOCCP Summer School

POGO-SCOR Fellowships

<https://pogo-ocean.org/capacity-development/pogo-scor-fellowship-programme/>



Applications due annually in April/ May



*Partnership for Observation of the Global Ocean
& Scientific Committee on Oceanic Research*



Fellowship Programme 2024

Receive funding to spend between one and three months at another oceanographic institute, anywhere in the world, to receive training on any aspect of oceanographic observation analyses and interpretation. The fellowship is NOT intended for an academic course of study, or for research.

Who can apply?

- Scientists
 - Technicians
 - Postgraduate students
 - Post-doctoral fellows
- ... from developing countries and countries with economies in transition.

Priority is given to early-career scientists.

NEW
DEADLINE

APPLY BY
12 May 2024
23:59 CET



Conditions and application



<https://pogo-ocean.org/capacity-development/pogo-scor-fellowship-programme/>

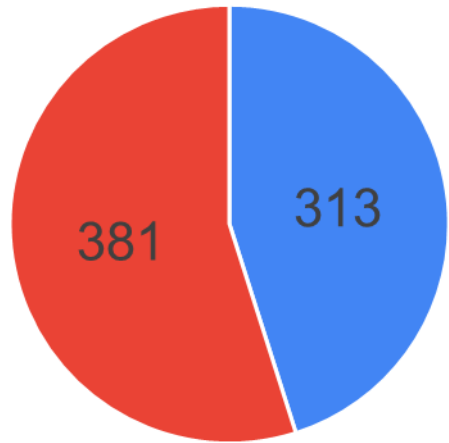
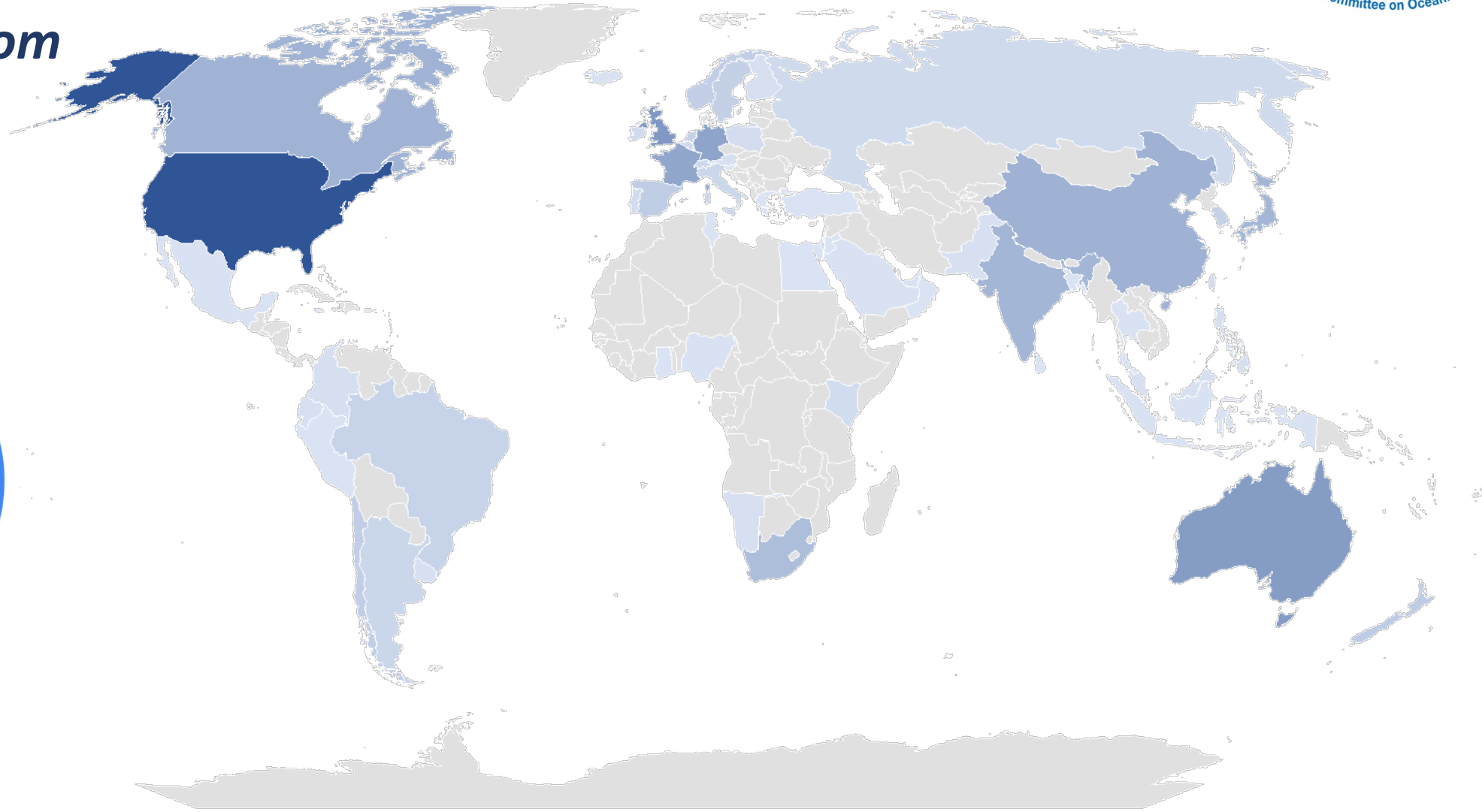
Opportunities to be Involved with SCOR

- Propose a new working group
- Apply for capacity development opportunities
- Engage with projects
 - Join project Scientific Steering Committee or subcommittees (early career, technical)
 - Participate in open science meetings
- Apply for 2-year early-career member position on SCOR Executive Committee
 - New selections in even-numbered years
- Participate on National Committee (mechanism/management varies by country)
- Provide review of working group proposals (reviews accepted by any organization/individual but only national committees/affiliated organizations are scored)

SCOR active community: 2024



*694 People from
62 Countries*



■ Female ■ Male

SCOR-UN Ocean Decade: endorsed projects and contributions



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

- **SCOR WG 162 OASIS – UN Ocean Decade *Endorsed Project***

Aimed at developing an Observing Air-Sea Interactions Strategy

- **SCOR Research Project GEOTRACES – UN Ocean Decade *Contribution***

Focused on marine biogeochemical cycles and distribution of trace elements and their isotopes

- **SCOR WG 159 DeepSeaDecade**

Provided the foundation for UN Ocean Decade endorsed programme Challenger 150 – A Decade to Study Deep-Sea Life

- **SCOR Infrastructural Project IOCCP**

Key contributor to five UN Ocean Decade endorsed programmes related to ocean observations, oxygen and acidification (e.g. Global Ocean Oxygen Decade, Ocean Acidification Research for Sustainability)

- **Southern Ocean Action Plan for the Decade with contributions from Southern Ocean Observing System, IMBeR ICED (Integrating Climate and Ecosystem Dynamics)**

- **SOLAS OSC 2024-UN Ocean Decade *endorsed activity***

Past events by SOLAS, IMBeR also received endorsements

- **SCOR WG 157 MetaZooGene – an endorsed action attached to the Marine Life 2030 UN Ocean Decade project**

Metabarcoding zooplankton diversity

- **SCOR projects IMBeR and SOLAS – contributing to Ocean Negative Carbon Emissions (ONCE) UN Ocean Decade Project**

- **WG 169 GLUBS – UN Ocean Decade *Endorsed Project***

SCOR-Related Events at the UN Ocean Decade Conference
Add them to your conference plans!
Read more about the events on the [conference website](#)

2024 Ocean Decade Conference
Delivering the Ocean Decade Vision for 2030
10-12 April 2024
Lobby, Museu de Ciències Naturals de Barcelona, Spain

Off-Site Satellite Event: Unifying the air-sea interactions community
Organized by SOLAS and WG 162 OASIS
9 April, 10:00-11:30 CEST
Auditorium, Media-TIC
The purpose of this event, co-organized by endorsed Ocean Decade Programme Observing Air-Sea Interactions Strategy (OASIS) and the Surface Ocean Lower Atmosphere Study (SOLAS), is to make progress toward expanding the current network of air-sea communities and integrating marine technologies and modeling through a joint initiative. The event will showcase OASIS and SOLAS efforts, forge partnerships with other Decade Programmes, fostering collaboration and knowledge sharing. We will align with conference goals to increase scientific knowledge, identify critical science and policy priorities, celebrate Decade accomplishments, contribute to the Ocean Decade Vision 2030, and develop research capacity and scale-up ocean action using science-based solutions.
[View announcement](#)
Register [here](#) to come to the side event in-person or virtually!

Off-Site Satellite Event: Enhancing coastal resilience in the Indian Ocean: Key contributions of ocean and climate sciences to institutional capacity development as a vital solution to coastal vulnerability and climate change
IOC/UNESCO Satellite Event, Co-sponsor of IIOE-2
With presentation by SCOR on IIOE-2
9 April, 15:00-17:00 CEST
S5+S6, World Trade Center
The decision by the IOC/UNESCO Assembly to transform the IOC Regional Committee for the Central Indian Ocean into an IOC Sub-Commission for the central Indian Ocean (IOCINDIO) is a powerful recognition and celebration of the needed reinforcement of UN intergovernmental ocean science-policy platform and dialogue. The seminar brings together eminent scientists and high-level government officials from the region and beyond with the key objective to exemplify that the power of international cooperation under the umbrella of the IOC/UNESCO has completely shaped the face of ocean and climate sciences in the Indian Ocean with numerous active programmes such as the IIOE-2, IOGOOS, the Indian Ocean Research Moored Array for African-Asian-Australian Monsoon Analysis and Prediction (RAMA), the IOCINDIO Coastal Vulnerability Initiatives and Networks of Ocean Sciences and Research Infrastructures for Capacity Development, several Ocean Decade related initiatives including the Decade Collaborative Centre for the Indian Ocean Region (DCC-IOR) and other DCCs (thematic), DCOs and DIPs, UNESCO Chairs and Category 2 Centres. The seminar resonates as a new vibrant call to local, national, regional governments and international partners for increased investments in "the ocean science we want" for the "ocean we want" through Decade-related initiatives.

Cultural Event: Listen to the Ocean
Co-organized by WG 169 GLUBS
9-12 April, 10:00-19:00 CEST
Lobby, Museu de Ciències Naturals de Barcelona
This exhibit explores the role of soundscapes in the study of the ocean. Participants will be immersed in a

Social presence: Share SCOR Opportunities and Amplify News from WGs, Projects, Partners



UPCOMING SCOR 2024 MEETING

16-18 October 2024

Past Annual Meetings

WHAT'S HAPPENING

IIOE-2 Newsletter Volume-8, Issue-9, September, 2024

IMBeR Newsletter September 2024 No.45

SOLAS Newsletter September 2024

Calendar

WHO WE ARE

History

About

Executive Committee

National Committees

Partner Organizations

Affiliated Projects

WHAT WE DO

Working Groups

Research Projects

Infrastructural Projects

Capacity Development

SCOR and the UN Ocean Decade

Achievements

GETTING INVOLVED

Opportunities

Email: 3 Newsletters/year + news

April 2021 SCOR Newsletter # 45

December 2021 SCOR Newsletter # 46

February 2022 SCOR Newsletter # 47

SIGN UP FOR SCOR EMAIL LIST

News from the SCOR Secretariat

Call for 2021 POGO-SCOR Fellowships

Call for SCOR 2021 Working Group Proposals

SCOR Working Group 163: Coupling of ocean-ice-atmosphere processes: from sea ice biogeochemistry to aerosols and clouds (Ice2Clouds)

SCOR at Ocean Sciences 2022

SCOR PHOTO GALLERY - The SCOR community in action!

Website: +2000 visits and +4000 views / month

<https://scor-int.org/>

X (Twitter): @SCOR_Int ~1,165 followers

Facebook Public Group: ~2,200 members

LinkedIn: ~200 followers (since December)

Thank You!



**<https://scor-int.org/>
secretariat@scor-int.org**