The Scientific Committee on Ocean Research (SCOR)
Advancing ocean sciences across disciplines and through international cooperation since 1957

Goals
- Address global ocean issues
- Plan and conduct research
- Solve methodological and conceptual problems
- Build capacity in developing countries

Approach
- Support international Working Groups and large-scale projects
- Engage SCOR National Committees, funding agencies and foundations
- Develop capacity - visiting scholars, fellowships, travel support
- International collaborations and partnerships - project offices supported by Australia, Canada, China, France, Germany, Japan, Netherlands, New Zealand, Poland, Sweden, UK, and USA

Engagement
- Promotes equity, diversity, inclusion in oceans sciences
- Encourages and supports involvement of students and early career scientists
- Co-sponsor of the Ocean KAN (Knowledge Action Network)
- Contributor to the UN Decade
- Approved observer at the Intergovernmental Oceanographic Commission (IOC) and Intergovernmental Panel on Climate Change (IPCC)

https://scor-int.org/
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Public Group
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SCOR Activities

Goals
- Role of the ocean in global carbon cycle and the effects of ocean acidification
- Facilitate observations on dynamics and change of Southern Ocean systems
- Understanding and prediction of Harmful Algal Blooms (HABs) and management and mitigation of their impacts
- Assess the effects of multiple environmental factors acting on organisms at the same time
- Continue development of relationships between temperature and salinity
- Application of remotely sensed ocean-colour/ inland water radiometry data across all aquatic environments

Approach
- Marine biogeochemical cycles of trace elements and their isotopes in the ocean
- Key biogeochemical physical interactions and feedbacks between the ocean and atmosphere
- Indian Ocean processes and its role in the Earth System
- Key scientific questions are addressed by the working groups
- SCOR National Committees, funding agencies and foundations

Engagement
- Co-sponsor of the Ocean KAN (Knowledge Action Network)
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SCOR community

From the field to the lab, from data analysis to global synthesis – building capacity at every step of the way

Poster created by Patricia Miloslavich, SCOR Executive Director

Nighttime imaging - WG 143 on dissolved O2 and CO2 measurements: Intercomparison Cruise to the Baltic Sea on board the R/V Elisabeth Mann-Borgese, image by Damian L. Antezana-Martinez.