

Ocean-Climate Society

Challenges & opportunities for ocean mitigation, adaptation, finance & UNFCCC



15 November
16:45 - 18:15 (EEST)



Sharm El Sheikh International
Convention Centre
Room Memphis (Room 5)

ABOUT

Rising CO₂ is impacting ocean ecosystems and dependent coastal communities through multiple climate-related changes to ocean physics, chemistry and biology. The ocean plays a key role in climate but is also a source of adaptation and mitigation actions. This side event will showcase examples of ocean adaptation, including in Africa and Asia-Pacific, and of blue finance and the need for its further expansion, especially for the sustainable development of coastal ecosystems and communities in vulnerable coastal and island nations such as Africa. It will highlight action-driven global scientific collaboration and equitably with local communities in helping to understand and manage the challenges placed on the marine ecosystems and so improve sustainable development. The session will explore the summary of the mandated UN Ocean and Climate Change Dialogue for ocean integration into the UNFCCC processes.

Moderator: Carol Turley, Head of International Office, Plymouth Marine Laboratory

Speakers:

1. **David Boyd, UN Special Rapporteur on Human Rights and Environment.** Adaptation, climate finance and the human rights to a healthy ocean.
2. **Joanna Post, UNFCCC Secretariat.** Summary of the mandated UN Ocean Dialogue on the integration of the ocean across the UNFCCC processes.
3. **Lisa Schindler Murray, Nairobi Work Programme's Expert Group on Oceans.** Opportunities towards strengthening action on ocean and climate adaptation under the UNFCCC process.
4. **Sarah Cooley, Ocean Conservancy and IPCC AR6 Ocean Chapter Lead Author.** Why cutting CO₂ emissions is important for the ocean: findings from IPCC AR6.
5. **Katharine Palmer, Shipping Lead, Climate Champions.** Challenges and actions for the shipping emissions reduction.
6. **Tarub Bahri, FAO Fisheries Division.** Integrating advances in marine technologies, local knowledge and research expertise to address challenges facing sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication.
7. **Steve Widdicombe, Director of Science, Plymouth Marine Laboratory.** How science can help in ocean -based adaptation and mitigation options.
8. **Gabriella Gilkes, Blue Marine Foundation.** The Convex Seascape Survey: Sediment carbon's potential role as a blue carbon sink.
9. **Bernadette Snow, Deputy Director, One Ocean Hub, University of Strathclyde.** The role of climate finance to protect blue carbon habitats.
10. **Kate Schweigart, Vice President, Innovative Finance, Rare.** Community-led conservation and innovate finance mechanisms supporting resilience of local coastal communities.

Followed by a Q&A with the audience