

Polar Oceans: Extremes as evidence for urgent action

**COP28, December 9, 8:00-9:00am GST/GMT+4,
Ocean Pavilion, Zone B7, Building 87, Blue Zone
LIVESTREAM: [CLICK HERE](#)**

ABOUT

The Arctic and Southern Oceans are crucial components of the Earth system. Their unique ecosystems are under serious threat from warming, acidification, freshening and ice loss. Polar oceans already experience change, with extreme events occurring more frequently, leading to range shifts, changes in food webs, ecosystems, fisheries, and climate regulation. This session provides a platform for these lesser known, but highly globally relevant issues, highlighting the latest science and discussing the wider societal and political implications.

Ultimately showing and engaging with the audience on why polar ocean change needs to be further considered in the GST and providing evidence for the need to urgently raise ambition for reducing emissions.

EVENT PARTNERS:

Plymouth Marine Laboratory, British Antarctic Survey, International Cryosphere Climate Initiative and the Prince Albert II of Monaco Foundation

Moderator: Helen Findlay, Senior Scientist Plymouth Marine Laboratory; Executive Council Member Global Ocean Acidification Observing Network

Panellists:

- **Julio Cordano** Director of Environment, Climate Change and Ocean, Chilean Ministry of Foreign Affairs, and Co-Facilitator, UNFCCC Ocean and Climate Change Dialogue, Chile
- **Sara Olsvig**, International Chair, Inuit Circumpolar Council, Canada
- **Martin Sommerkorn**, Head of Conservation for the WWF Arctic Programme, World Wildlife Fund
- **Martin Siegert**, Deputy Vice Chancellor (Cornwall), University of Exeter, UK
- **Pam Pearson**, Director, International Cryosphere Climate Initiative, Sweden

Followed by a Q&A with the audience