

Oceans and Coastal Zones Toward COP25



Santiago, Chile



Addressing the IPCC Findings Relevant to the Ocean and Climate Nexus

Bonn UN Climate Change Conference, June 2019 (SB 50)

Tuesday, June 25 2019, 18:30 to 20:00, Berlin Room

THEME: The Side Event will review the scientific findings and their policy implications of the IPCC Special Report on Global Warming of 1.5°C, and the science addressed in the ongoing IPCC report on The Ocean and Cryosphere in a Changing Climate for oceans and coastal zones. The 1.5°C report is a landmark report with far reaching implications for all climate change action and with special relevance for ocean and coastal ecosystems, peoples, and economies in 183 coastal and SIDS nations. Temperature increases, especially above 1.5°C, will significantly affect the marine environment—e.g., warm water coral reefs will be marginalized and finfish fisheries significantly reduced, tropical storms intensified, increased ocean acidification and increased sea level rise will occur, and millions of additional people will be displaced. The Side Event will also focus on the science being addressed in the ongoing IPCC Special Report on the Ocean and Cryosphere in a Changing Climate, including work on the risks of sea level rise, alterations in marine systems from changing ocean physics, chemistry and biology, and changes to weather events arising from ocean change, and the subsequent risks to communities and options to reduce risks. To address the issues posed in the 1.5°C report, and on an urgent basis, solutions and actions must be pursued through international, national, and subnational actions around the world. The panel will discuss options for addressing these issues, in particular, in the context of the UNFCCC COP25.

SPEAKERS

CHAIR:

Amjad Abudllah, Director-General, Maldives

PANEL:

Biliana Cicin-Sain, President, International Ocean and Coastal Organization/Global Ocean Forum (ICO/GOF), *Addressing the Ocean and Climate Nexus: The Time to Act is Now*

Hans Otto Pörtner, Co-Chair of the IPCC's Working Group II, IPCC, Professor, Alfred-Wegener-Institute, *Implications of the IPCC Special Report on Global Warming of 1.5°C for Oceans and Coastal and Island Peoples*

Carol Turley, Senior Scientist, Plymouth Marine Laboratory (PML), *Science Addressed in the IPCC Special Report on The Ocean and Cryosphere in a Changing Climate*

Amjad Abudllah, Director-General, Maldives, *SIDS and 1.5°C to Stay Alive*

Kirsten Isensee, Programme Specialist, IOC/UNESCO, *How to Incorporate These Findings Into UN System Action*

Ms. Mai Fujii, Research Fellow, the Ocean Policy Research Institute of Sasakawa Peace Foundation, *Promoting Decision-making Based on Best Available Science: Blue carbon as a Case*

Ambassador Arif Havas Oegroseno, Ambassador of the Republic of Indonesia to the Federal Republic of Germany, *The Two IPCC Reports: Implications for Archipelagic Nations*

Ambassador Helen Ågren, Ambassador for the Ocean, Swedish Ministry for Foreign Affairs, and Taholo Kami, Special Representative, Ocean Pathway, Fiji, *Advancing Oceans in the UNFCCC*

Rosana Garay Maldonado, Chilean Foreign Service, Climate Change and Sustainable Development Affairs, *Oceans and Coasts at COP 25*

CO-ORGANIZERS



Global Ocean Forum



United Nations Educational, Scientific and Cultural Organization



Intergovernmental Oceanographic Commission



Government Offices of Sweden

PML Plymouth Marine Laboratory

