



Carbon Dioxide Removal as an Ocean Climate Solution: urgently taking a precautionary approach

COP27 Official Side Event

Tuesday, 15 November 2022

15:00 – 16:30

As ocean-based climate solutions gain recognition for their mitigation potential, this panel will convene experts and representatives to discuss the role of ocean-based carbon dioxide removal (CDR), the role of a scientific code of conduct, and opportunities for considering and integrating this topic across the UNFCCC agenda and work programs.

The need to act and find every means and technology possible to reduce emissions is mission-critical to meeting our climate goals. However, the complex nature of CDR, particularly ocean CDR, and its potential impacts require close examination and carefully planned action to avoid unintended consequences.

This side event will consider the complexities of ocean CDR and explore actions to understand the mitigation potential and potential socio-economic and environmental impacts. You'll be joined by scientists, representatives from non-governmental organizations, and technical experts who focus on ocean CDR, scientific research, and nature-based climate solutions to discuss the need for social, ethical, and financial considerations when implementing ocean CDR.

The event is co-hosted by Ocean Conservancy and Woods Hole Oceanographic Institution (WHOI).

AGENDA

Panel 1

15.00 – 15.05 Introduction: Dr. Kilaparti Ramakrishna, Senior Advisor on Ocean and Climate Policy, Woods Hole Oceanographic Institution (WHOI)

15.05 – 16.00 **Panel discussion** Moderator by Dr. Kilaparti Ramakrishna

- Dr. Ken Buesseler, Senior Scientist Marine Chemistry and Geochemistry, Woods Hole Oceanographic Institution (WHOI)
- Dr. Sarah Cooley, Director of Climate Science, Ocean Conservancy
- Susan Gardner, Director, Ecosystems Division, United Nations Environment Programme (UNEP)
- Dr. Margaret Leinen, Vice Chancellor for Marine Sciences and Director of Scripps Institution of Oceanography, University of California, San Diego

Panel 2

16.00 – 16.30 **Panel discussion** Moderator: Anna-Marie Laura, Director Climate Policy, Ocean Conservancy

- H.E. Dr. Ambassador Satyendra Prasad, Ambassador and Permanent Representative - Permanent Mission of Fiji to the United Nations (UN) (tbc)
- Representative from Dominican Republic (tbc)