

Side Event OOC-9, Greece, April 15-17, 2024

Event Title: Accelerating Research, Development and Demonstration for Responsible Marine Carbon Dioxide Removal

This session will explore the potential role of mCDR in meeting climate and ocean targets, what we know and don't know about the various mCDR pathways, and a path forward to accelerate needed RD&D by governments, scientists and civil society. A particular focus will be on the needed science and key policy issues

Lead Organization: Ocean Visions

Time: April 16th, 13:00-14:00

Panelists:

- Brad Ack, CEO, Ocean Visions – brad@oceanvisions.org
- Cynthia Barzuna, Director Ocean Action 2030 Coalition, High Level Panel for a Sustainable Ocean Economy cynthia.barzuna@wri.org
- Jainey Bavishi, Assistant Secretary of Commerce for Oceans and Atmosphere and Deputy National Oceanic & Atmospheric Administration (NOAA), United States jbavishi@noaa.gov
- Peter Bryant, Builders Visions, Ocean Resilience and Climate Alliance (ORCA) pbryant@buildersvision.com
- Dr. Kilaparti Ramakrishna, Director of Marine Policy Center and Senior Advisor to the President on Ocean and Climate Policy, Woods Hole Oceanographic Institution (WHOI) kramakrishna@whoi.edu

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Areas of Action:

- Sustainable Blue Economy: a key tool to achieve sustainable use of the ocean and marine resources for sustainable growth
- Climate Change: strengthening the nexus between ocean and climate change
- Marine Pollution: a significant threat to the ocean health

Event Description:

The great potential for marine carbon dioxide removal (mCDR) to help mitigate and ultimately reverse dangerous climate change and meet Paris Agreement targets is increasingly recognized, but action lags. There's an urgent need to answer remaining scientific questions about mCDR pathways, to build awareness among global decision makers, and to integrate CO2 removal into existing and future climate mitigation commitments in an ecologically and

socially responsible manner. This panel will explore key considerations needed to advance knowledge and research on RD&D to quickly determine whether and where to advance responsible deployment of ocean-based pathways for cleaning up carbon pollution from the ocean. This panel will outline the fundamental elements needed to do this, based on Ocean Visions' High-Level Roadmap for mCDR research, development and demonstration.

Run of show:

13:00 Introduction: Brad Ack – Why CDR and the Ocean are in the same conversation

13:06 Presentation Jainey Bavishi – What is the US government doing to move forward mCDR RD&D

13:11 Presentation Dr. Kilaparti Ramakrishna – Key International Policy issues and challenges in moving mCDR RD&D forward expeditiously

13:16 Presentation Cynthia Barzuna – What are some of decision makers' concerns about moving mCDR forward and how can they be addressed

13:20 Presentation Peter Bryant – The role of philanthropy in mCDR RD&D

13:23 Panel discussion

13:40 Audience questions

13:50 Closing