

CARBON CONSERVATION AND SEQUESTRATION IN OCEAN NATURE-BASED AND TECHNOLOGY SOLUTIONS

November 6, 2021 at 3:00pm (UTC+1)
Forth Room

The Ocean has been the primary sustained carbon sink that mitigates climate change consequences since the Industrial Era. Our Ocean has meanwhile been severely degraded over decades, and the future of ocean carbon sink is largely uncertain, especially under low emissions scenarios.

There is considerable interest in marine ecosystem-based approaches and other interventions for carbon dioxide removal (CDR). The risks and potential of these techniques, and associated scientific, societal and policy challenges, need to be fully evaluated. The objectives of these panel discussions are to highlight:

1. The role of marine nature-based solutions to mitigate climate change, their benefits and trade-offs.
2. Present options for carbon removal from the technological to the industrial levels.

Speakers:

Nathalie Hilmi – Centre Scientifique de Monaco
Paul Holthus – World Ocean Council
Minhan Dai – Future Earth
Lise Øvreås – University of Bergen
Sebastien Soleille – BNP Paribas Foundation

