

An aerial photograph showing a vibrant green, dense forest. A river or stream winds through the center of the image, its water a clear, light blue-green color. The river starts from the top center and flows downwards, with several meanders and small islands of forest along its path. The overall scene is lush and natural.

OCEAN & COASTAL PRIORITIES AT COP27

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Our ocean and coasts play a key role in regulating our climate system and can be a source of climate solutions for both mitigation and adaptation.

An aerial photograph of a lush mangrove forest. A dark, winding waterway cuts through the dense green canopy of the trees. The forest extends to the edges of the frame, with the waterway meandering through it. The overall scene is vibrant green with some darker patches of water.

WHAT'S BLUE CARBON?

- Mangrove forests, seagrass meadows, and saltmarshes – coastal wetlands – are recognized for carbon sequestration values
- Coastal wetlands are among the world's key 'carbon sinks' since they store far greater carbon than they release



International

Nationally Determined Contributions

**National
(United States)**

GHG Reduction Target: 50-52%
Reduction by 2030

States

State-Specific Policies (e.g., Executive Orders, GHG Targets, etc.)

BLUE CARBON AT VARIOUS POLICY LEVELS

- Policymakers from state, national, and international levels turning theory to climate action with coastal blue carbon

SUBNATIONAL ACTION ON BLUE CARBON: OREGON

- Carbon rich wetlands now part of their climate solution
- Incorporated, for the first time, blue carbon into state climate mitigation policy
- Includes quantified carbon sequestration goal by 2030






The United States of America

Nationally Determined Contribution

**Reducing Greenhouse Gases in the United States:
A 2030 Emissions Target**

NATIONAL ACTION ON BLUE CARBON

- Biden 2021 NDC update: *the United States will support nature- based coastal resilience projects including pre-disaster planning as well as efforts to increase sequestration in waterways and oceans by pursuing “blue carbon”.*
- Bipartisan Infrastructure Investment and Jobs Act (IIJA) – over \$1bil for coastal nature-based solutions
- Inflation Reduction Act (IRA) - \$2.6bil for coastal and marine protection/restoration



INTERNATIONAL ACTION ON BLUE CARBON: NDC

71 countries include at least one ocean-based mitigation or adaptation action in their new or updated climate goals, including over 30 focused on blue carbon

Ocean-Climate Expectations for COP27

- Governments showcase ocean-climate solutions in their climate plans
- Oceans and Coasts elevated during Global Stocktake process
- Ocean-Climate Dialogue in Decision Text
- Over 40 ocean and coastal side events
- Announcements of new funding
- New initiatives launched

