UN Decade of Ocean Science for Sustainable Development

Ocean Exploration Advisory Board

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Opportunity of Influence
UN General Assembly Proclamation

- Dec. 6, 2017
- Omnibus Resolution for Oceans and the Law of the Sea (A/RES/72/73)
  - Proclaimed the **UN Decade of Ocean Science for Sustainable Development** 2021-2030
  - Called upon the IOC to prepare an implementation plan for the Decade
Confluence of International Priorities

Common themes emerging at recent international conferences

- Marine Protected Areas
- Climate Change
- Sustainable Fisheries
- IUU Fishing
- Marine Pollution, Plastics
- Sustainable Blue Economy
- Maritime Security
- Corals
- Ocean Acidification
Ocean Decade Goals: Societal Outcomes

A Clean Ocean
Sources of pollution are identified and reduced or removed.

A Healthy and Resilient Ocean
Marine ecosystems are understood, protected, restored and managed.

A Productive Ocean
Supporting sustainable food supply and a sustainable ocean economy.
Ocean Decade Goals: Societal Outcomes

A Predicted Ocean
Society understands and can respond to changing ocean conditions.

A Safe Ocean
Life and livelihoods are protected from ocean-related hazards.

An Accessible Ocean
Open and equitable access to data, information and technology and innovation.
Ocean Decade Goals: Societal Outcomes

An Inspiring & Engaging Ocean
Society understands and values the diverse roles and different value systems of the ocean in relation to human wellbeing and sustainable development.

https://movies.disney.com/moana
Decade Engagement Strategy

Science

Foundations

Private Sector

UN Partners

Youth/ECOP

Agriculture

Construction

Commercial & recreational fishing

Insurance / reinsurance

Legislature

Manufacturing / retail trade

Mining

Public safety

Tourism and recreation

Transportation / warehousing

Utilities

Zoos & Aquaria
## UN Decadal Goals

<table>
<thead>
<tr>
<th>Goal</th>
<th>Description</th>
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<tbody>
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<td>Accessible Ocean</td>
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<td>Inspiring &amp; Engaging Ocean</td>
<td>Focus on ocean literacy to establish broad understanding of role/importance of ocean</td>
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## U.S. Decadal Priorities

<table>
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<tr>
<td>Modernize R&amp;D infrastructure</td>
<td>Big data, models, R2O</td>
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<tr>
<td>Promote Economic Prosperity</td>
<td>Seafood competitiveness, energy, minerals, econ/eco balance, workforce</td>
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<td>Resilient Coastal Communities</td>
<td>Disaster risk reduction</td>
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<tr>
<td>Safeguard Human Health</td>
<td>Plastics contaminants &amp; pathogens, HAB, Natural Products</td>
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<tr>
<td>Ensure Maritime Security</td>
<td>Arctic transport, situational awareness, national security relies on strong science literacy in our communities</td>
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Administration Priority Areas

- White House Summit on Partnerships for Ocean S&T (2019)
- Presidential Memorandum on Ocean Mapping of the EEZ and Shoreline/Nearshore of Alaska (2019)
- Executive Order on Promoting American Seafood Competitiveness & Economic Growth (2020)
- NOPP 2.0 Reauthorization
- Ocean Economy ($373 Billion)*

*Source: https://www.bea.gov/data/special-topics/ocean-economy
Mapping the U.S. EEZ

54% of U.S. Coastal, Ocean, and Great Lakes Waters are Unmapped (January 2020 analysis)
U.S. Domestic Engagement Strategy

- Raising community awareness and visibility of oceans
- Recruit participation
- Partnerships to support Decadal vision
How to contribute:

- If not now, when??
- Use the Decade as a vehicle
- Educate constituencies
- Industry: Business Plan
- Science Plan: Be Ambitious
- Science Plan: Use Networks
- Return to Campaign Oceanography
- If you like your 7 day weather forecast thank an Oceanographer
MORE INFORMATION

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