

OCEAN DECADE U.S.

U.S. National Committee for the Decade of
Ocean Science for Sustainable Development

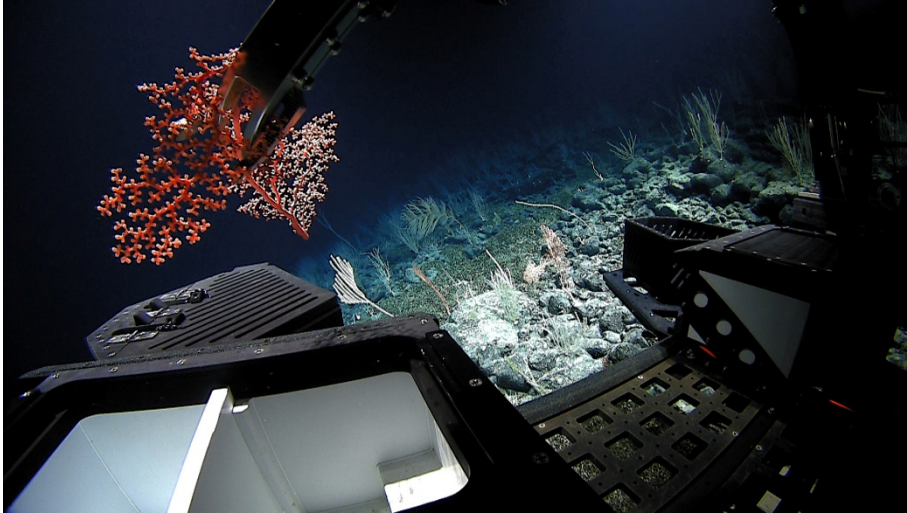


Larry Mayer

University of New Hampshire

Chair, Ocean Studies Board and U.S. National Committee

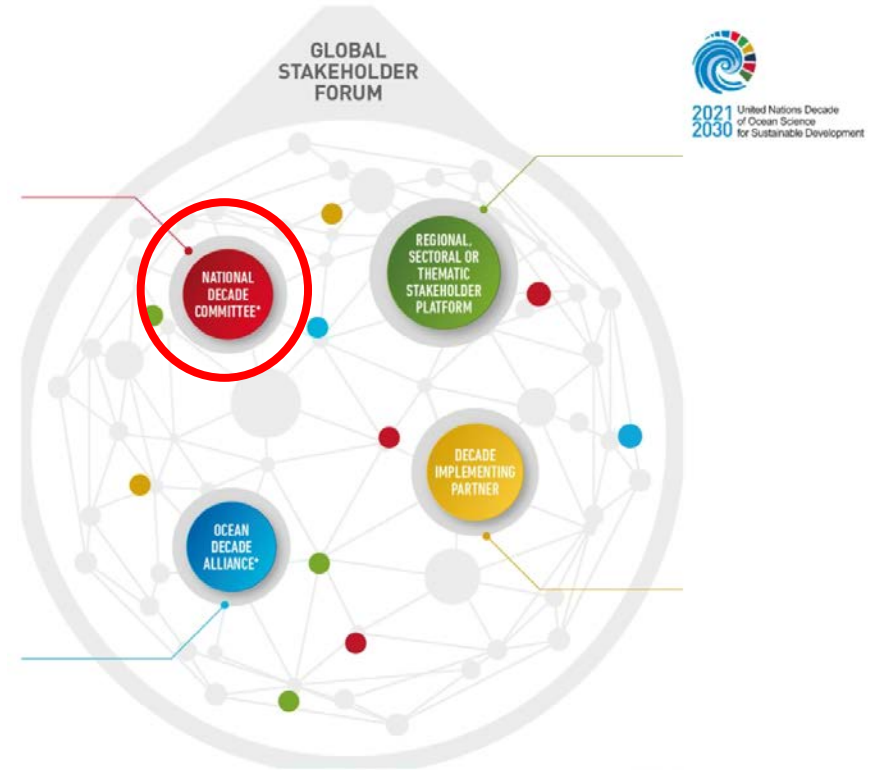
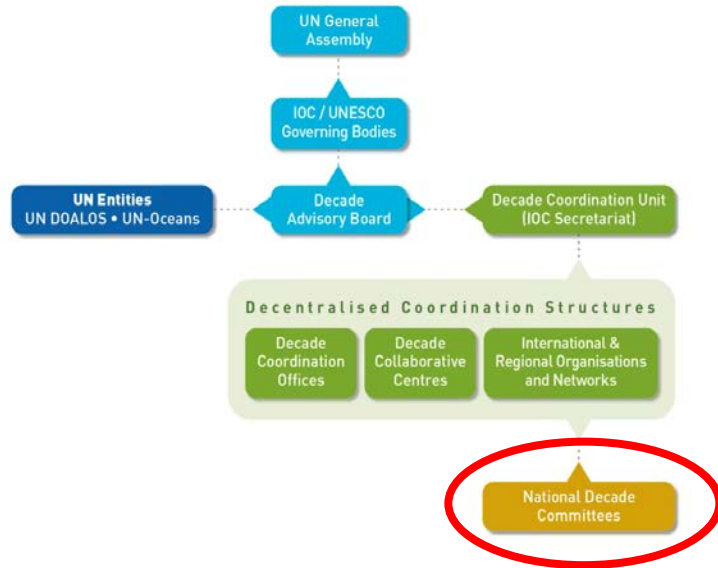
The UN Decade of Ocean Science for Sustainable Development is:



Transformative ocean science solutions for sustainable development, connecting people and our ocean

UN Decade Vision of National Committee Role

Coordination of the Decade



From UN: Role of National Decade Committees

105. Given the scope and breadth of the Decade, national coordination of Decade activities will in many cases be essential. The creation of National Decade Committees will be encouraged to facilitate national contributions to the Decade, engage national stakeholders, and enhance their access to Decade benefits such as data, forecasts, science-based decision support tools, or capacity development opportunities. The Decade Coordination Unit will use the Global Stakeholder Forum to promote exchange and cooperation between National Decade Committees. Ideally, these National Decade Committees should be multi-agency and multi-stakeholder platforms, involving the political and scientific institutions and actors concerned by the ocean and its management. Existing national coordinating mechanisms may provide the basis for performing such functions. The mandate and role of National Decade Committees will be tailored to the local context

U.S. National Committee for the Ocean Decade

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**Plus four
early
career
liaisons**

A Goal: Engage Early Career Scientists

Goals include:

- Furthering the development of expertise in science for a sustainable ocean
- Increasing diversity, equity and inclusion in ocean studies
- Developing networks in the U.S. and internationally for building global capacity for ocean research

Four individuals will be selected to serve as liaisons for two years.

Who should apply? Early career natural scientists, social scientists, engineers, resource managers, and policy specialists.

Please apply on the Ocean Decade U.S. website

nationalacademies.org/oceandecadeus

Functions for U.S. National Committee



- Establishing communications channels for U.S. participants in the Decade.
- Encourage participation of U.S. universities and research organization, federal and state agencies, NGOs, industry, and other organizations
- Connect U.S. activities to other efforts internationally
- Help catalyze and foster transformative projects that support Decade goals and engage early career scientists

“OCEAN-SHOTS”

Our Communications Role

Announcements



PUBLICATIONS

Booklet Outlines International Decade Goals

The United Nations has put the goals of the decade in a booklet called "The Science We Need for the Ocean We Want."



ARTICLE

Why We Need the Ocean Decade

A PNAS article explains why we need a global movement to transform ocean science. Lead author Linwood Pendleton is a member of the Executive Planning Group for the UN Decade of Ocean Science.

- Website
- Social media
- E-listserve

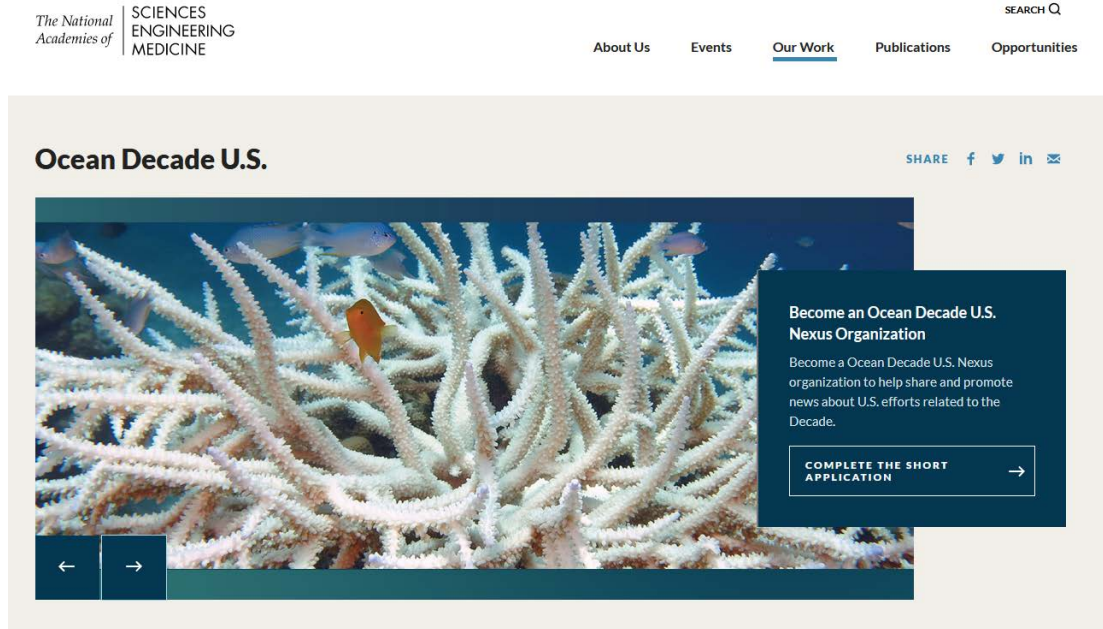
Join the Twitter
Conversation:

#OCEANDECADEUS



nationalacademies.org/oceandecadeus

Join the Ocean Decade U.S. Nexus



Nexus organizations.

- Can submit news on the Ocean Decade U.S. website

We ask that you

- Share news with your networks
- Attend meetings hosted by the U.S. National Committee

Engaging the public: DrawYourDecade

The National
Academies of

SCIENCES
ENGINEERING
MEDICINE

SEARCH Q

About Us

Events

Our Work

Publications

Opportunities

Ocean Decade U.S.

SHARE f t in ✉



Attention Young Artists!

You are invited to submit your artwork in our DrawYourDecade contest. Using whatever creative means you prefer, your art should answer the question, "what do you want the ocean to look like in ten years?"

SUBMIT YOUR ENTRIES →

Website now has:

- Submission form
- Educator Resources
- Promotional resources

Gallery of entries will go live in 2021

Call for your input: Ocean-Shots



OCEAN-SHOT

An ambitious, transformational research concept that draws inspiration and expertise from multiple disciplines and fundamentally advances ocean science for sustainable development

“Realistic goals are useful but a moon-shot is transformative”.

<https://leadershipfreak.blog/2018/10/17/moon-shot-goals/>

How we see it

US COMMUNITY

U.S. National
Committee for
the Decade



**Federal
Agencies**



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development

Thank you!



- Visit the website to:
 - Join the Nexus
 - Subscribe to the newsletter
 - Promote DrawYourDecade
 - Apply to be an early career liaison
 - Submit your Ocean-Shot!

nationalacademies.org/oceandecadeus

Please direct questions to
oceandecadeus@nas.edu

Ocean Decade Challenges

-  Address land and sea-based sources of pollutants and contaminants.
-  Protect, monitor, manage and restore ecosystems under multiple stressors
-  Optimise the role of the ocean to sustainably feed the world's population.
-  Contribute to equitable and sustainable development of the ocean economy.
-  Understand the ocean-climate nexus, build resilience and improve predictions and forecasts.
-  Expand multi-hazard warning systems and mainstream community preparedness and resilience.
-  Ensure a sustainable ocean observing system that delivers timely data and across all ocean basins.
-  Develop a comprehensive digital representation of the ocean.
-  Ensure comprehensive capacity development and equitable access to data, information, knowledge and technology.
-  Identify and overcome barriers to the behaviour change that is required for a step change in humanity's relationship with the ocean.

“

Challenges will evolve over the life of the Decade.

Decade Outcomes

Describe the 'ocean we want' at the end of the Decade.

1. A **clean ocean** where sources of pollution are identified, reduced or removed.
2. A **healthy and resilient ocean** where marine ecosystems are understood and managed.
3. A **productive ocean** supporting sustainable food supply and a sustainable ocean economy.
4. A **predicted ocean** where society understands and can respond to changing ocean conditions.
5. A **safe ocean** where life and livelihoods are protected from ocean-related hazards.
6. An **accessible ocean** with open and equitable access to data, information, and technology and innovation.
7. An **inspiring and engaging ocean** where society understands and values the ocean in relation to human wellbeing and sustainable development.

