



**NOAA
FISHERIES**

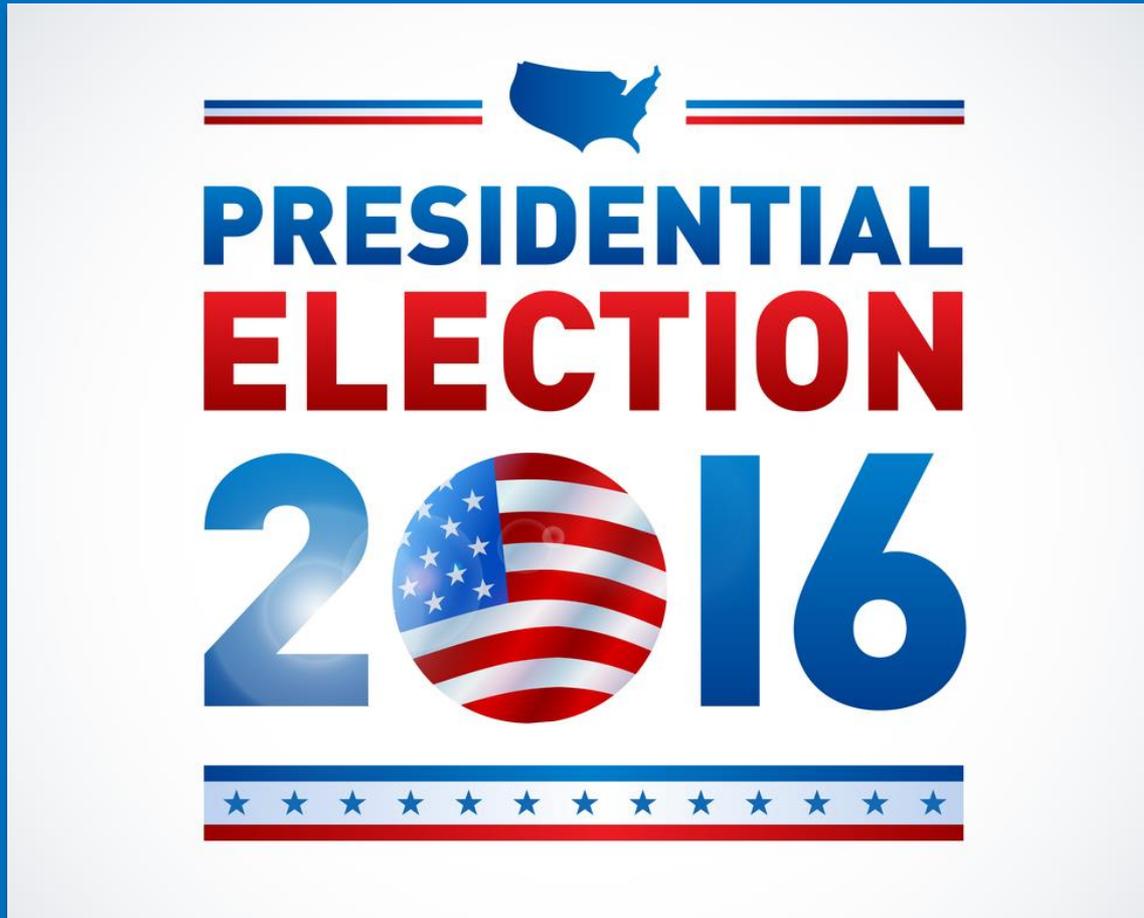
Science & Technology
Marine Ecosystem division

Ecosystem-Based Management Across Administrations

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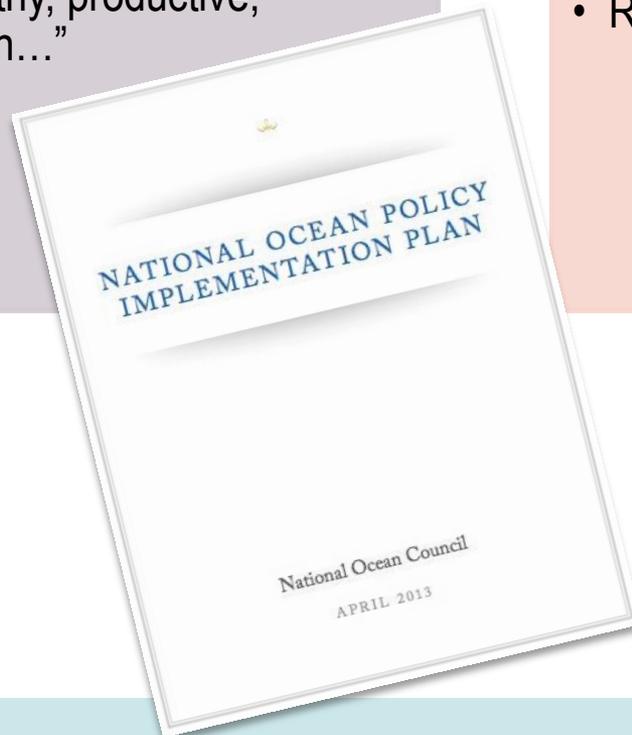
Will EBM Change with the New Administration?



Ecosystem-Based Management (EBM) in the National Ocean Policy

Key Statement:

- “...The goal of **ecosystem-based management** supported by this Plan is to maintain a healthy, productive, and resilient ocean...”



Key strategies:

- Reducing Adverse conditions
- Preparing for change
- Recovering and sustaining ocean health

EBM is **Not Only** in Pres. Obama's Ocean Policy

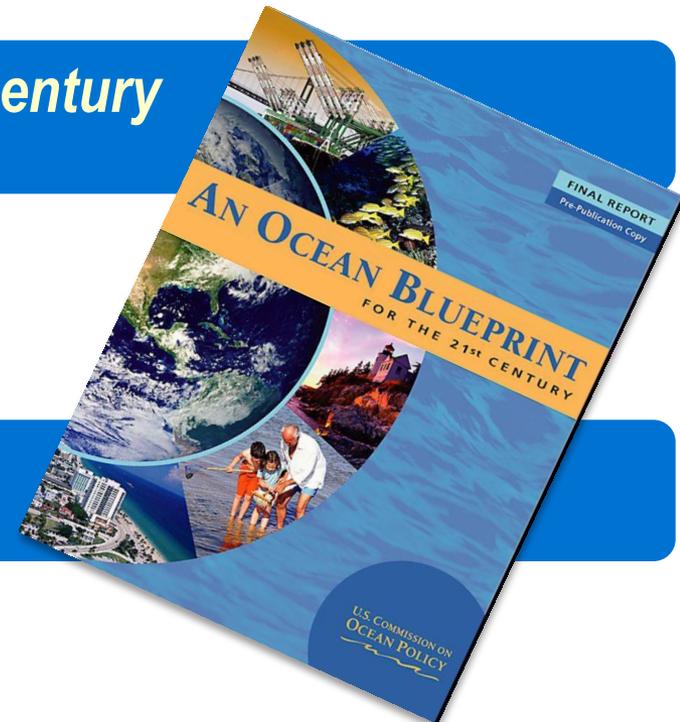
EBM began emerging since Pres. Clinton

- Interagency Ecosystem Management Task Force
- Sustainable Fisheries Act
- Oceans Act of 2000

EBM in the *An Ocean Blueprint for the 21st Century*
(2004 US Commission on Ocean Policy)

- One of the 13 guiding principles
- Mentioned 116 times

Lead to Pres. Bush's *U.S. Ocean Action Plan*



EBM in the U.S. Ocean Action Plan

Key Statement

- “... The Administration will continue to work towards an **ecosystem-based approach** in making decisions related to water, land, and resource management...”

Key strategies:

- Enhancing Coordination
- Advancing our Understanding of Oceans, Coasts, and Great Lakes
- Enhance the use and conservation of Oceans, Coasts, and Great Lakes

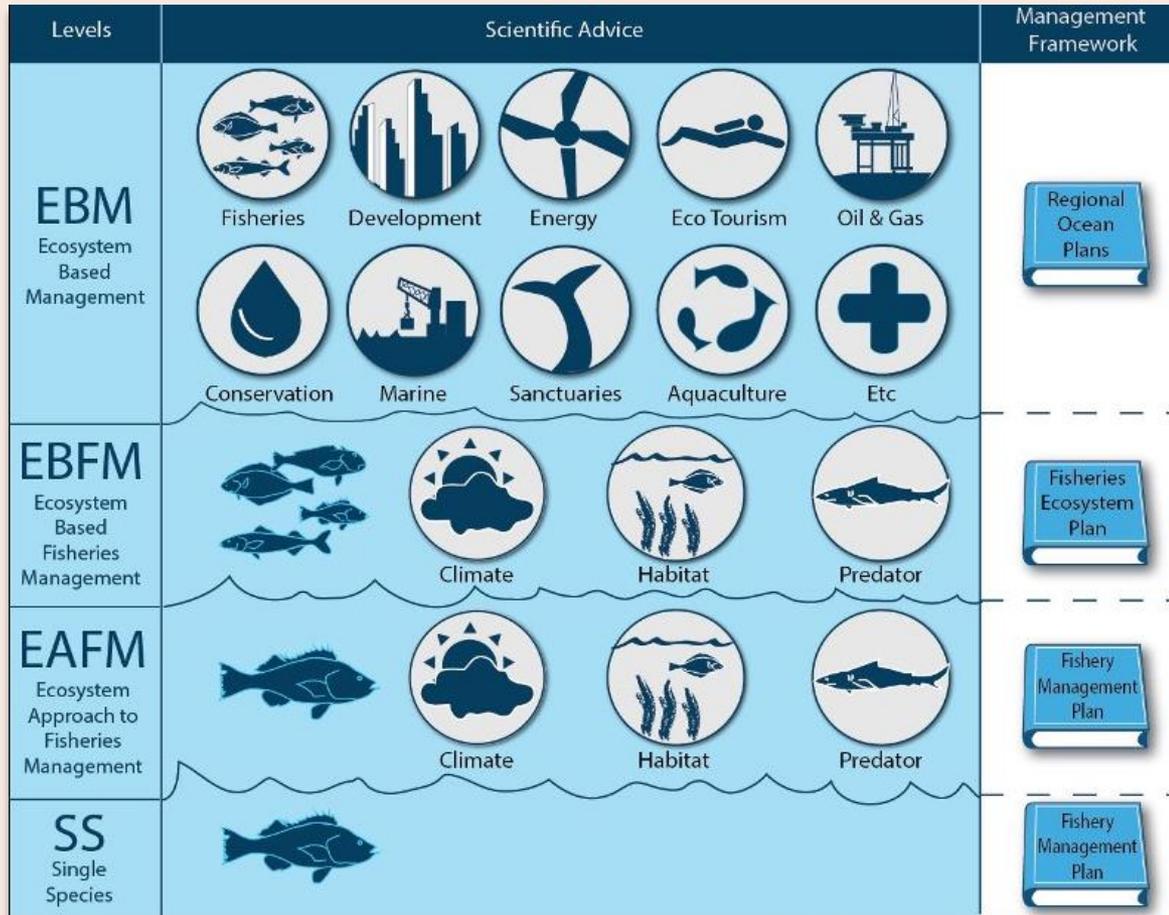


Crosswalk on Ocean Policy

	National Ocean Policy	US Ocean Action Plan
Similar Goal	<ul style="list-style-type: none">• To have a healthy and productive ocean	
Similar Statements	<ul style="list-style-type: none">• Recognizing the challenges and opportunities• Employ science-based and ecosystem-based approach and making decisions• Emphasize collaborations cross boards and agencies• Adapt to local/ changing conditions	
Similar Strategies	<ul style="list-style-type: none">• Strengthen collaboration• Better understanding to the environment• Promote conservation	



EBM is the Future Trend



The integrated approach is also adopted in New Zealand, Australia, Canada, EU, and countries in Africa and South America...

EBFM is strongly supported by NOAA Fisheries



Questions?

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National Ocean Policy Implementation Plan

U.S. Ocean Action Plan

Overarching Goal

The goal of **ecosystem-based management** supported by this Plan is to **maintain a healthy, productive, and resilient ocean.**

Making our oceans, coasts, and Great Lakes cleaner, **healthier, and more productive oceans, coasts, and great lakes.**

Key statements

The National Ocean Policy highlights our responsibility to improve and maintain the health of the ocean, coasts, and Great Lakes and recognizes the importance of **working with States, tribes, and other partners** to tackle key challenges through common sense, **science-based solutions**. Achieving this goal will require both a sound scientific foundation and a commitment to management practices that are **adaptable to changing conditions and responsive to new challenges and opportunities** that emerge. **Working together, resource managers, ocean users, and other stakeholders** can develop and apply **ecosystem-based management** incrementally.

To advance the next generation of ocean, coastal, and Great Lakes policy, we will employ the **best science and data to inform our decision-making**. The Administration will continue to work towards an **ecosystem-based approach** in making decisions related to water, land, and resource management in ways that do not erode local and State authorities and are **flexible to address local conditions**. Our policies will encourage innovation and employ economic incentives over mandates where possible and will **establish strong partnerships between Federal, State, Tribal, and local governments, the private sector, international partners, and other interests.**

Strategies

I. Reducing Adverse conditions

Reduce coastal wetland loss, conserve and restore habitats, address invasive species, improve and preserve coastal and estuaries.

II. Preparing for change

Strengthen and integrate observation for early warning and forecasts, determine the impacts, and assess the vulnerability.

III. Recovering and sustaining ocean health

Strengthen collaboration to promote **EBM**, improve coastal and estuaries restoration, improve preparation for environmental hazards, protect habitat.

I. Enhancing Coordination

Establish a cabinet-level committee, work with regional fisheries councils, improve the application of science for **ecosystem-based management** of ocean resources.

II. Advancing our Understanding of Oceans, Coasts, and Great Lakes

Build a global observation network, improve understanding of climate change and its socio-economic consequences.

III. Enhance the use and conservation

Establish guidelines, foster sustainable harvest, promote habitat conservation and protect higher trophic levels.

