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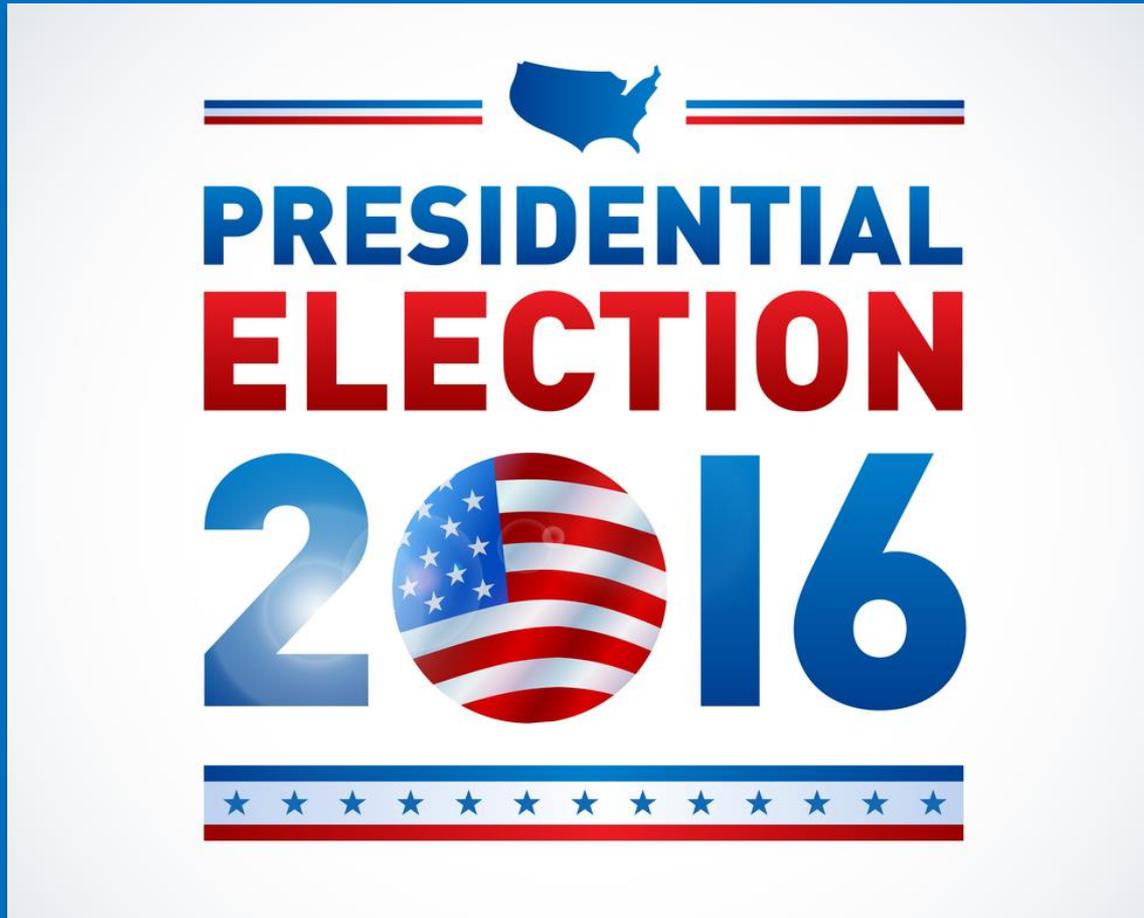
Science & Technology  
Marine Ecosystem division

# Ecosystem-Based Management Across Administrations

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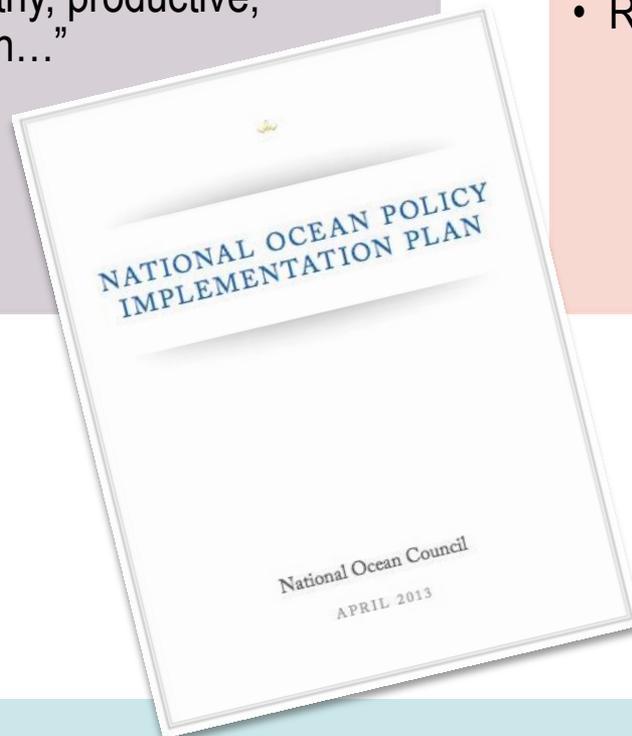
# Will EBM Change with the New Administration?



# 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

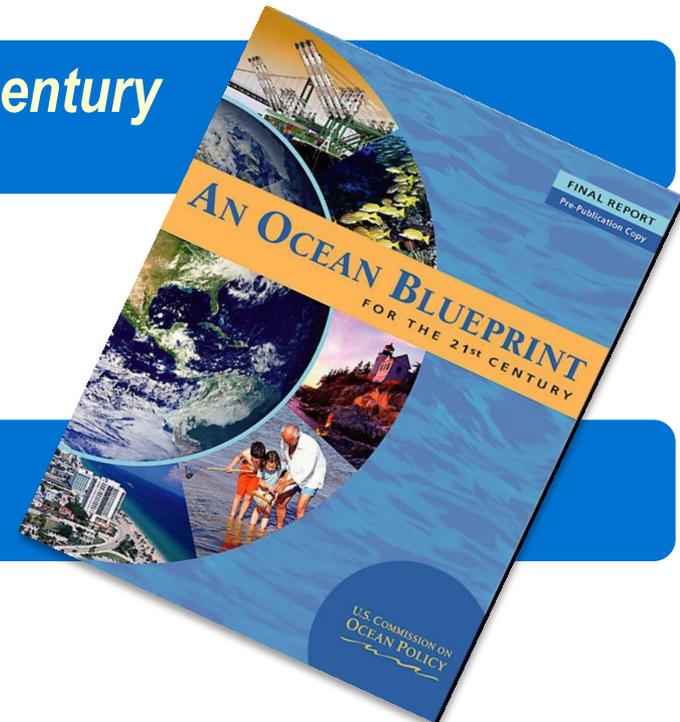
EBM began emerging since Pres. Clinton

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

EBM in the *An Ocean Blueprint for the 21<sup>st</sup> 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

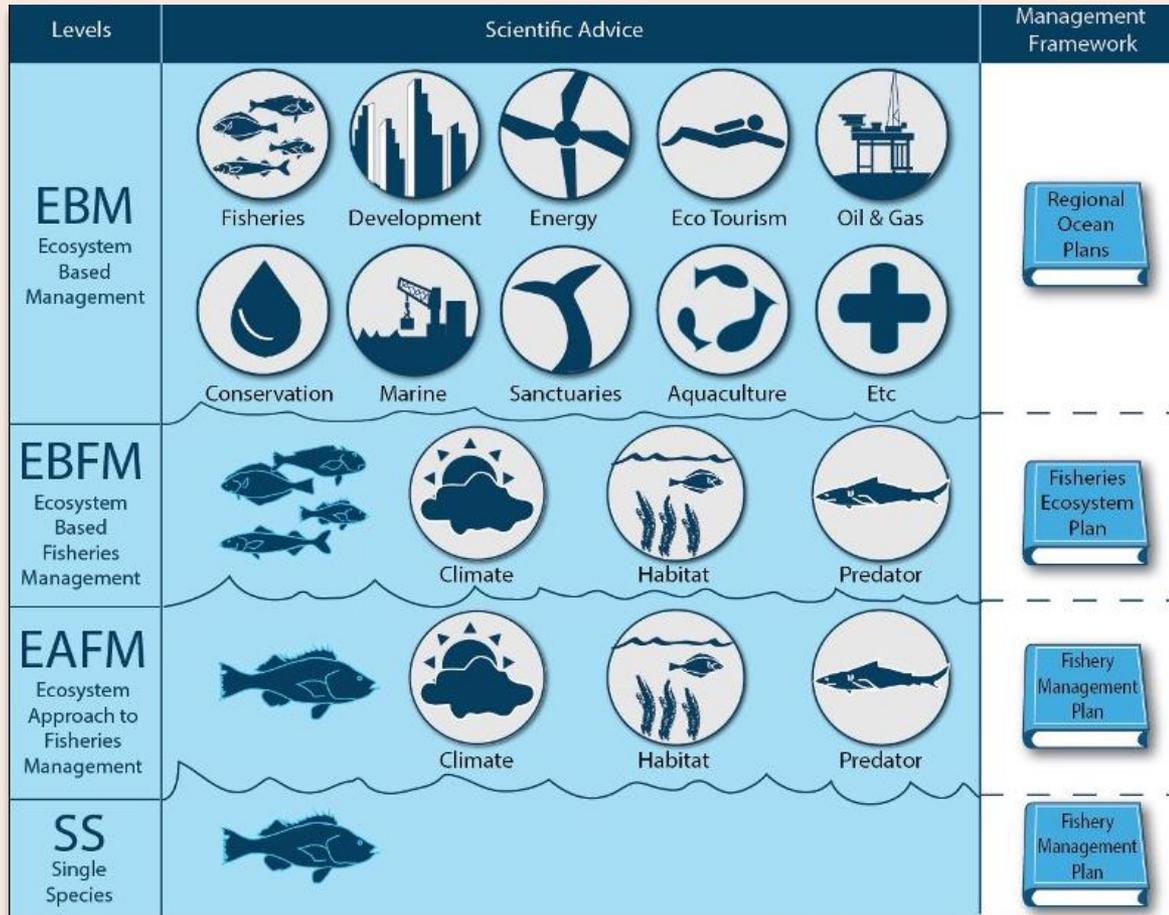


# Crosswalk on Ocean Policy

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



# 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.

