NOAA’s Ecosystem Goal Team: Habitat Matrix Program

Pat Montanio, Habitat Program Manager
NOAA Leadership Seminar
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Outline

- Overview of Ecosystem Goal Team
- Overview of Habitat Program
- Habitat Program and PPBES
  - Structure and Organization
  - Roles and Process
  - Challenges and Solutions
- Working within EGT and NOAA
- Future directions for the Habitat Program
- Benefits of the PPBES process
- Questions and Discussion
Overview of Ecosystem Goal Team

Mission:

To protect, restore, and manage the use of coastal and ocean resources through an ecosystem approach to management

Outcomes:

- Healthy and productive coastal and marine ecosystems that benefit society
- A well-informed public that acts as a steward of coastal and marine ecosystems
### Overview of Ecosystem Goal Team

<table>
<thead>
<tr>
<th>Program</th>
<th>FY 08 Enacted Budget</th>
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<tbody>
<tr>
<td><strong>NOAA</strong></td>
<td>4.2 B</td>
</tr>
<tr>
<td><strong>Ecosystem Goal Team</strong></td>
<td>1.2 B</td>
</tr>
<tr>
<td>Aquaculture</td>
<td>1%</td>
</tr>
<tr>
<td>Corals</td>
<td>2%</td>
</tr>
<tr>
<td>Enforcement</td>
<td>4%</td>
</tr>
<tr>
<td><strong>Habitat</strong></td>
<td>6%</td>
</tr>
<tr>
<td>Protected Species</td>
<td>13%</td>
</tr>
<tr>
<td>Coastal and Marine Resources</td>
<td>15%</td>
</tr>
<tr>
<td>Fisheries Management</td>
<td>15%</td>
</tr>
<tr>
<td>Ecosystem Research</td>
<td>16%</td>
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<tr>
<td>Ecosystem Observations</td>
<td>28%</td>
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Overview of Habitat Program

- An evolving program from 2002 to present
- Consists of multiple programs with diverse mandates

Outcomes:
- Increased protection and conservation of habitats that support NOAA trust resources and support ecosystem health and production.
- Increased restoration of habitats that support NOAA trust resources to enhance the recovery of ecosystem health and production.
- Increased public awareness and stewardship of habitats that support NOAA trust resources through the involvement of stakeholders and enhancement of partnerships.
Overview of Habitat Program

NOAA’s Mission Goals

Ecosystem Goal Team

Habitat Program

NOAA

NMFS
- Habitat Protection
- Habitat Restoration

NCBO
- EFH
- Hydropower

NOS
- Marine Debris

OAR
- Invasive Species

DARRP

CRP

CWPPRA
Overview of Habitat Program

FY08 Budget = $106 million
Overview of Habitat Program: Habitat Protection

**Mission:** Work with others to protect and conserve habitats important to NOAA trust resources

Example: Klamath River Hydroelectric Project Re-licensing
Overview of Habitat Program: Habitat Restoration

**Mission:** Work with partners and local citizens to collaboratively provide the science, communications and policy expertise needed to restore our coastal and marine environment.

Example: Salt Marsh Restoration - Fairhaven, Massachusetts
Overview of Habitat Program: Aquatic Invasive Species

Mission: Prevent new invasions and eliminate, mitigate, or control existing invasive species in U.S. coastal, Great Lakes, and ocean ecosystems.

Example: Lionfish (Pterois volitans)
Overview of Habitat Program: Marine Debris

**Mission:** To support a national and international effort focused on preventing, identifying and removing the occurrence of marine debris and to protect and conserve our nation’s natural resources, oceans, and coastal waterways from the impacts of marine debris.

Example: Chesapeake Bay Derelict Blue Crab Pot Project
Overview of Habitat Program: Damage Assessment, Remediation, and Restoration Program

**Mission:** Protect and restore coastal and marine resources threatened or injured by oil spills, releases of hazardous materials, and vessel groundings

Example: Chalk Point Oil Spill, Patuxent River, MD
Overview of Habitat Program: NOAA Chesapeake Bay Office

Mission: *Focusing NOAA’s capabilities in science, service, and stewardship to protect and restore the Chesapeake Bay.*

Example: Oyster restoration
Habitat Program and PPBES: Structure and Organization

- Habitat Program Charter
- Senior Management Team – decision making body
  - NMFS: Pat Montanio
  - NOS: Alyce Fritz
  - OAR: Dorn Carlson
- Program Leads and Coordinators:
  - Habitat Protection: Tom Bigford, Ralph Lopez
  - Restoration Center: Chris Doley, Robin Bruckner, Julie Nygard
  - NOAA Chesapeake Bay: Peyton Robertson
  - Damage Assessment, Remediation, and Restoration Program: Alyce Fritz, Michael Jarvis
  - Marine Debris: Holly Bamford (Doug Helton, acting), Sarah Morison, Neal Parry
  - Invasive Species: Michelle Harmon, Leonard Pace
- Program staff
  - Program Coordinator: Lani Watson (acting)
  - Planning and Communication Liaison: Robin Peuser
- Intranet site to share documents
- Subcommittees
  - Performance Measure Working Group
  - Program Evaluation Team
## Habitat Program and PPBES: Roles and Process

<table>
<thead>
<tr>
<th>PPBES Phase</th>
<th>Habitat Program Activities</th>
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<tbody>
<tr>
<td>Planning</td>
<td>• Update Program Charter</td>
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<td></td>
<td>• Analyze the current program (what’s in and what’s not)</td>
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<td>• Determine gaps - link to NOAA priorities provided in the Annual Guidance Memo</td>
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<td>• Identify priorities and strategies - link to EGT themes</td>
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<td>• Develop alternatives - collaborate with other programs for integrated efforts</td>
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<td>• Develop initial Program Operating Plan (POP) for wider NOAA review</td>
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<td>• Coordinate with Mission Support Goal Team (i.e. incorporating needs from General Council)</td>
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<td>• Develop final POP</td>
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<td>• Contribute to Goal Team’s Strategic Portfolio Analysis (SPA)</td>
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Habitat Program and PPBES: Roles and Process

Program Operating Plan (POP)

- **Purpose:**
  - Single planning document that contains data and information to describe the Program
    - products and services, current and long-term fiscal requirements, schedule, and alternatives for fulfilling a Program's capability gaps
  - Information is essential for the Program manager to plan their programs and for NOAA leadership to inform key decisions.

- **POP Includes:**
  - Current Program
  - Gap analysis based on 100% requirement
  - Alternatives to fill the gap

- **Challenge for Habitat Program:**
  - Difficult to define 100% requirement
  - Example: How many total acres need to be restored nation wide?
# Habitat Program and PPBES: Roles and Process

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<th>Habitat Program Activities</th>
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| **Programming** | • Develop program adjustment quads for Goal directed increases  
                  • Review EGT’s Program Plan |

**Budgeting – building the President’s Budget**

• Prepare budget narratives and one-pagers for Line Offices  
• Prepare impact statements and appeal budget decisions in response to NOAA, DOC, and OMB pass backs and House and Senate Marks – via Line Offices  
• Respond to Q and As from NOAA, DOC, OMB, House and Senate  
• Brief congressional staff on Habitat activities in President’s Budget

| Execution | • Develop Annual Operating Plan with performance measure targets and milestones  
           • Quarterly budget reporting |

**Line Office Activities:**

• Develop Spend Plans  
• Prepare Monthly variance reports  
• Develop Annual Business Report  
• Provide end of fiscal year close out
## Habitat Program and PPBES: Challenges & Solutions

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<tr>
<th>PPBES Phase</th>
<th>Challenges</th>
<th>Solutions</th>
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| Planning    | • Budget decisions not incorporated in planning out years  
              • Address erosion of base funds  
              • Fully integrate with regions  
              • Advance the science | • Included alternative to preserve budget increases in out years  
                                  • Developed compelling POP alternative write ups  
                                  • Involved regional staff in developing POP alternatives  
                                  • Held science workshop and partnered with EOP, resulted in Habitat Science alternative in the POP |
| Programming  | • Competing with all of NOAA’s Programs to address high priority needs (i.e. satellites) | • Convey priorities to Goal & PA&E  
                                  • Get LO support for alternatives addressing high priority needs (IPLs & NEP/NEC) |
| Budgeting    | • Budget decisions not transparent | • Try to find out why something didn’t get funding.  
                                  • Programs and Goals track budget decisions. |
| Execution    | • Major disconnect between execution programs (Program Offices) and planning programs (PPBES programs) | • Need to negotiate separately with different people for near term actions (Program offices) and to take these into the future |
Working within EGT and NOAA

EGT
- Liaisons assigned to each program
  - EGT Habitat liaison receives Habitat emails and is invited to Habitat Meetings
  - Meet with EGT liaison to discuss comments on initial Habitat POP

EGT Programs
- Joint planning and coordination on Integrated Alternatives

NOAA
- PPI – Planning (Analyst assigned to Goals)
- PA&E – Programming (Analyst assigned to Goals)
- NOAA Budget Office – Budgeting (Analyst assigned to Goals)
- Line Office – Execution (Budget analyst assigned to Programs)
Future Directions for the Habitat Program

- Increase the pace and scale of habitat protection and restoration efforts
  - Generate impacts at the landscape/watershed level
  - “Green-infrastructure” for hazard resilient communities
  - Adaptation to climate change

- Develop strategic partnerships to leverage resources
  - Local to regional to national
  - Government and non-government
  - Incentives for proactive conservation

- Increase science for improved management decisions
  - Understand/predict people, habitats and species linkages
  - Increasing pressures on coastal marine habitats (including climate change)

- Effectively monitor and evaluate performance
  - Improve the effectiveness of actions
  - Focus efforts on the priorities with the greatest overall benefits
Benefits of the PPBES Process

- Catalyst for communication and joint discussions of priority needs and planning among programs
  - Integration for programs with Habitat missions

- Enhanced awareness and coordination among different components of the matrix program, leading to efficiencies
  - Example: Marine debris grants administered by the NMFS Restoration Center rather than creating a parallel capability in NOS.

- Requires programs to telling a compelling story
  - Develop strong business case for increased resources

- Potential for increased funding for programs
Questions & Discussion

- How does your work or your office connect with the PPBES process?
- Are there ways to improve the budget planning process within NOAA?
- How can we tell the best story of our programs to NOAA, DOC, OMB, Congress, constituents, the public?