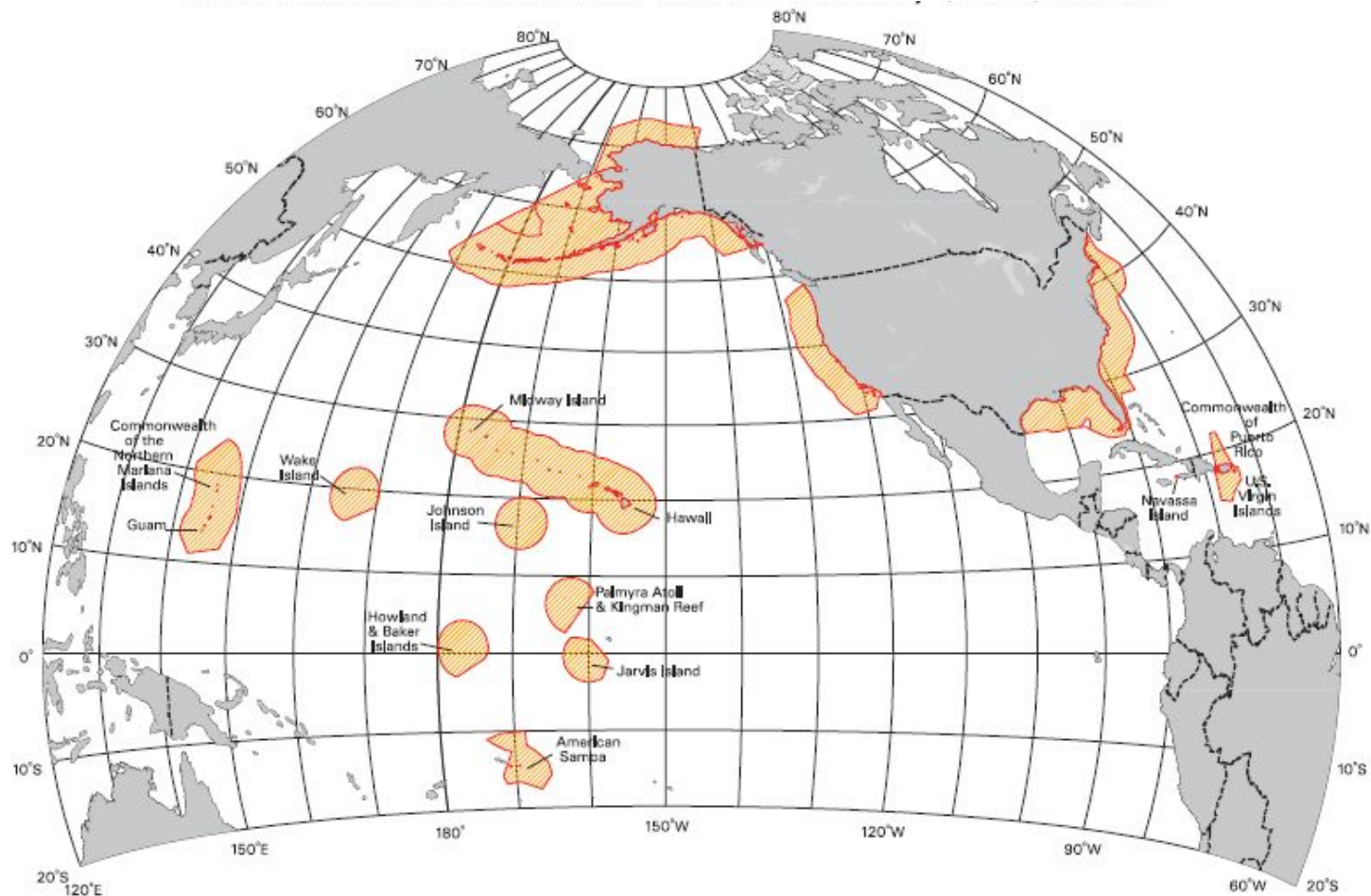


# **Science Informed Decisions from Use-Inspired Research: BOEM's Environmental Mission**

Dr. Brad J. Blythe  
Office of Environmental Programs



# Manage ocean energy and mineral resources on the Outer Continental Shelf in a safe and environmentally sound manner.



- **Oil and Gas**

5 year leasing plan, regional lease sales

- **Renewable Energy**

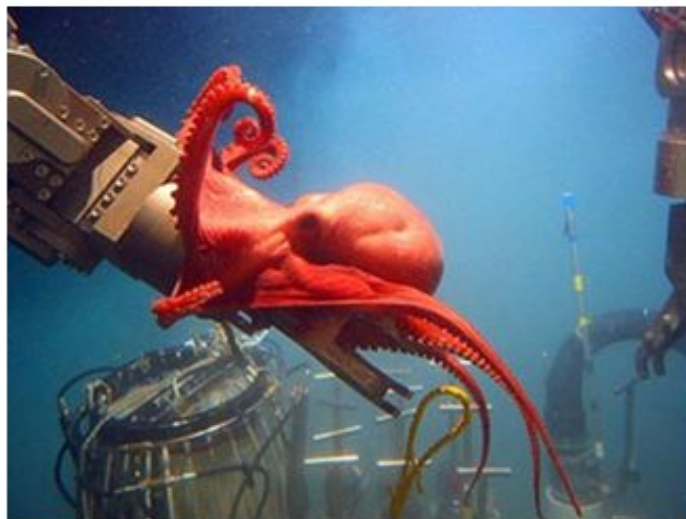
Site identification through stakeholder input and state task forces

- **Marine Minerals**

Through negotiated agreement with state and local entities



# To Study and Prevent Environmental Harm from Energy Development and Minerals Extraction on the Outer Continental Shelf



*Science for Informed Decisions*

- 1) use-inspired to apply results towards management decisions
- 2) held to the utmost scientific integrity and credibility
- 3) seek partnerships to leverage funds and maximize utility of results
- 4) engage regularly with stakeholders and public educational outreach for quality assurance, peer-review planning, and data dissemination

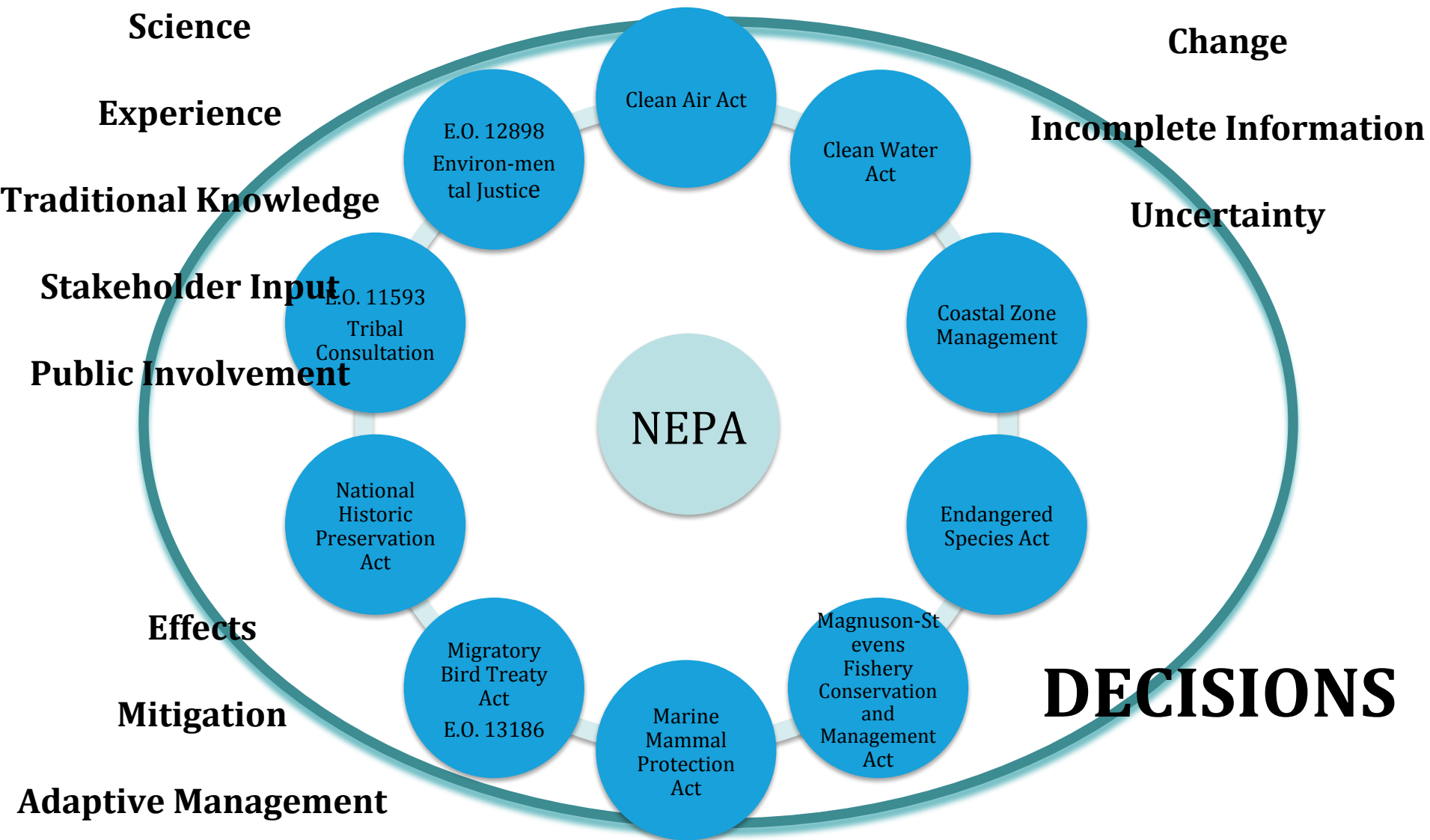




## Types of Studies

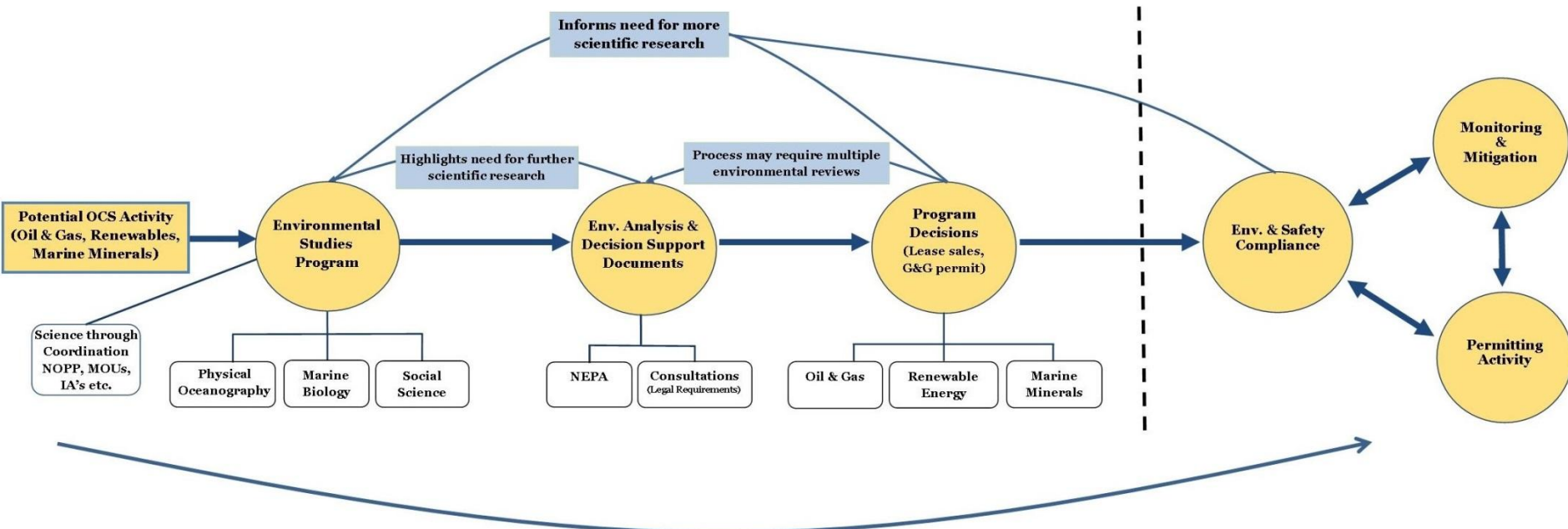
- Baseline / Benchmark
- Cause and Effect, Process
- Monitoring





**Resource Science and Management**

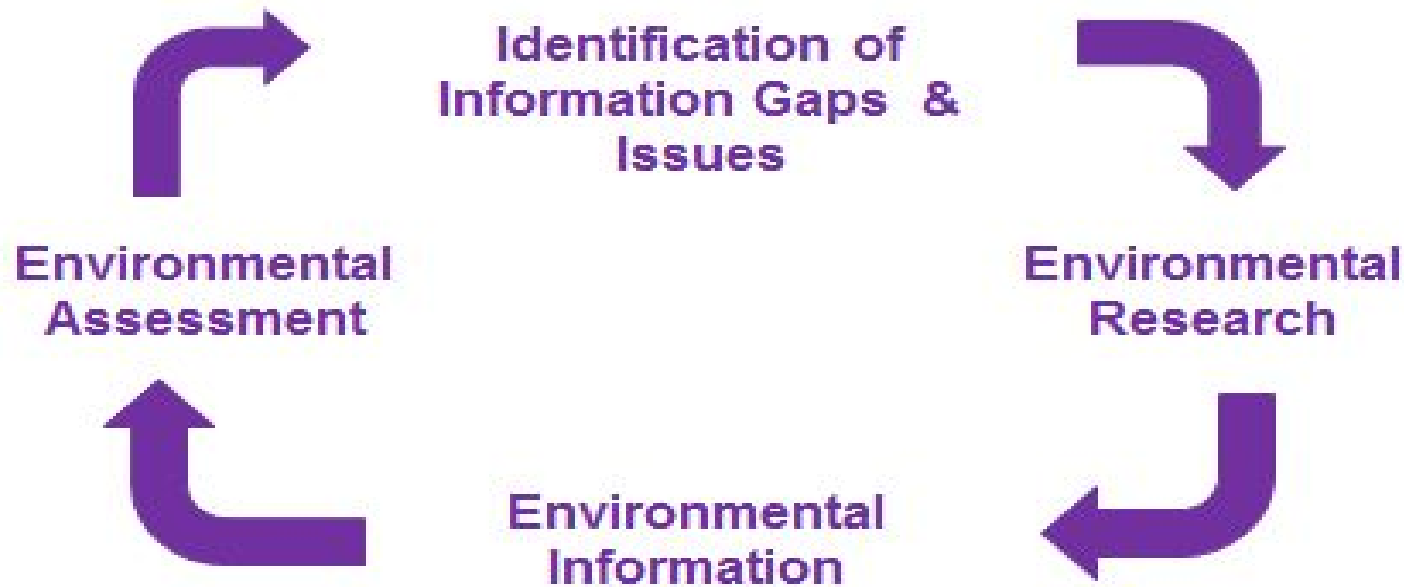
**Regulatory Enforcement**





## Linkage Between

Environmental Assessment and Environmental Sciences





**Environmental Studies Program**

**Studies Development Plan  
Fiscal Years 2016-2017**

**Study Development  
Plan (SDP)  
allows ideas to flow  
with a look toward  
future**