

DRAFT – Potential Needs and Potential Projects for Advancing Marine Spatial Planning in Washington

CMSP in WA - Develop a comprehensive marine management plan in accordance with RCW 43.372 to be implemented in a manner that:

- *Recognizes and respects existing uses and tribal treaty rights;*
- *Promotes protection and restoration of ecosystem processes to a level that will enable long-term sustainable production of ecosystem goods and services;*
- *Addresses potential impacts of climate change and sea level rise upon current and projected marine waters uses and shoreline and coastal impacts;*
- *Fosters and encourages sustainable uses that provide economic opportunity without significant adverse environmental impacts;*
- *Preserves and enhances public access;*
- *Protects and encourages working waterfronts and supports the infrastructure necessary to sustain marine industry, commercial shipping, shellfish aquaculture, and other water-dependent uses;*
- *Fosters public participation in decision making and significant involvement of communities adjacent to the state's marine waters; and*
- *Integrates existing management plans and authorities and makes recommendations for aligning plans to the extent practicable.*

Budget proviso directs, working with marine interagency team, tribes and state Marine Resource Committee, the development a spend plan to:

- Implement the marine spatial planning law and priorities contained within it.
- Conduct ecosystem assessments and mapping activities related to marine resources use and potential economic development.
- Develop marine management plans for the state's coastal waters.
- Otherwise aid in the implementation of marine planning in the state.

Key questions

- What are the suggested projects for these categories? What information or activities might be more/less important to pursue?
- How do we collect the information?

A	B	C	D
Category: Mapping Activities (\$1 million)	Category: Ecological Assessment (\$300k)	Category: Data tools to support plan development (\$700k)	Category: Stakeholder engagement (\$100k)
Goal: Map baseline conditions (i.e. distribution, abundance, intensity, and temporal/spatial patterns) and forecast potential future conditions (e.g. patterns)	Goal: Assess status and trends of ecosystem (ecological, social, economic factors) and threats to resources. Develop ecosystem indicators.	Goal: Enable access, sharing, analysis and management of data for the planning process. Ensure robust technical and scientific input on data quality, access and management issues.	Goal: Increase awareness, participation, and involvement of various groups in pre-planning process. Improve communication and coordination among groups involved in the process.
Social and Economic data <ul style="list-style-type: none"> • Human uses • Traditional knowledge and cultural resources • Economic valuation 	See data categories at left. Examples of projects might include: analysis of status and trends, modeling of data, indicator	Data synthesis tool(s) GIS data access and management Scientific and technical expertise	Examples of projects might include: meetings, trainings, forums, facilitation, coordination of existing groups, etc.

<p>Physical and Ecological data</p> <ul style="list-style-type: none"> • Bathymetry and habitat • Oceanographic processes • Ecologically important areas • Renewable energy potential <p>Biological data</p> <ul style="list-style-type: none"> • Fish: Rockfish, groundfish • Marine mammals: whales • Invertebrates: crabs • Seabirds • Sensitive species (E&T) 	<p>development, threats/risk assessment, identification of adaptive management strategies underway, etc.</p>	<p>and input</p>	
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Washington’s State Law

Required elements for marine management plan in Washington’s state law (RCW 43.372) include “an ecosystem assessment” and “series of maps”. Described in the state law as follows:

(a) **An ecosystem assessment** that analyzes the health and status of Washington marine waters including key social, economic, and ecological characteristics and incorporates the best available scientific information, including relevant marine data. This assessment should seek to identify key threats to plan goals, analyze risk and management scenarios, and develop key ecosystem indicators. In addition, the plan should incorporate existing adaptive management strategies underway by local, state, or federal entities and provide an adaptive management element to incorporate new information and consider revisions to the plan based upon research, monitoring, and evaluation;

(c) **A series of maps that, at a minimum, summarize available data on:** The key ecological aspects of the marine ecosystem, including physical and biological characteristics, as well as areas that are environmentally sensitive or contain unique or sensitive species or biological communities that must be conserved and warrant protective measures; human uses of marine waters, particularly areas with high value for fishing, shellfish aquaculture, recreation, and maritime commerce; and appropriate locations with high potential for renewable energy production with minimal potential for conflicts with other existing uses or sensitive environments;

