

Economic Analysis Workshop
to Support Marine Spatial Planning
Agenda
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- 1:06 Introductions and Purpose
- 1:08 Workshop Procedure: Presentations and Input { [Introduction](#) }
- 1:10 Overview of Economic Analysis
- Definitions: Economic Base, Models, and Measures of Economic Impacts
- 1:24 Part I:
- Economic Base: What Makes the Coast Economy “Tick” { [Economic Base](#) }
 - Incorporating Tribal Economic Information { [Tribes](#) 1:29 }
 - Recreation and Tourism { [Tourism](#) 1:33 }
 - How does the Surfrider study fit in?
 - Commercial Fishing on the Washington Coast { [Fishing](#) 1:55 }
 - Economic data and characterization of the fishing economy
 - Models for measuring impacts
- 2:04 Discussion, Comments, and Suggested Revisions
- Is it possible to separate the analysis into more refined levels? {2:05}
 - What could you study that is not covered by the Surfrider study? Would that study alone be adequate? {2:07}
 - How are you separating ocean resources activities versus the coast based activities? What are the differences in the level of analysis for each? {2:11}
 - Reviewing existing economic studies, referenced the deep dredge Army Corps study- they excluded impacts to the marine resources- how do you balance that in your report? {2:13}
 - When you are done, will this tool allow us to determine cumulative impacts or significant thresholds? {2:17}
 - How do you propose to fill the data gaps? What range of multipliers these models would get to? How do you capture the consumption piece of commercial fishing for an economic impact model? {2:20}
 - Be sure to use good data, verifiable data, and create an apples-to-apples comparison between these sectors. {2:25}
 - What happens to personal income of commercial fishermen after they leave active duty? {2:28}
 - In order to do the level 2 or level 3 analyses, why would you need individual harvest data for individual vessels? {2:32}
 - Will tribal fisheries information be included in the economic analysis? {2:35}
 - What is the geographic scope of the economic activity study? {2:35}
- 2:39 Break

2:48 Part II:

- Social and Cultural Values { [Social Values](#) }
- Ecosystem Services { [Services](#) 3:02}
- Aquaculture on the Washington Coast { [Aquaculture](#) 3:16}
 - Economic data and characterization of Coast-based aquaculture
 - Model for measuring impacts

Discussion, Comments, and Suggested Revisions {3:26}

- If there is some economic value, it should be used for a coastwide ecological assessment.
- Could you bring the county economic assessments together for the whole coast as part of this process? {3:28}
- How much would the multiplier change for aquaculture if you do include processors? {3:29}
- The aquaculture multiplier seems low compared to the commercial fishing multiplier. What would be your estimated range for the multiplier? {3:31}
- When you look at the multipliers, it would be good if planners could have a sense of what the numbers mean. Is there a plan for updating the aquaculture analysis (and the others) on a regular basis? {3:33}
- Request a section on the historical impacts on economy from regulatory decisions {3:36}
- What jobs are included in marine resource related jobs? How do you quantify that? {3:37}
- Tribal commercial fishing should be included in the economic impact portion {3:38}
- Social and cultural measurements of impacts are important to include. What are some potential other uses and what are the negative impacts? {3:40}
- What are some of the risks of the stability of the economy? Will a risk assessment be included? {3:41}
- Why will history be eliminated from the study? {3:42}
- Offshore energy should not be included as a current ocean use since it is not current. {3:45}
- This study should look at the total loss of value if one of these industries is lost {3:47}
- This study should look at the cost of an ESA listing and what would that do to the economy {3:47}

3:49 Economic Impact Measurement { [IMPLAN](#) }

- Defining Scenarios to Analyze
- Model Outputs: Direct and Indirect Impacts

4:06 Summary of Input & Next Steps { [Input](#) }

- Can you complete any of these levels of study by June 30, 2015?
- Can you provide an estimate of the amount of time you would need to advance to the next level?
- Provide a risk assessment {4:12}
- This study should include benefits that reach the state in a hierarchy of state to county to local benefits. {4:15}

4:18 Adjourn

Economic Analysis – Scoping Process

The steps below summarize the process to develop a Scope of Work for the Marine Spatial Planning Economic Analysis.

1. **Initial Menu of Approaches:** The team of Cascade Economics LLC, the selected economics contractor, prepared a menu of approaches to preparing and completing the economic analysis. Their menu included three “levels of study” reflecting differing degrees of investigation, precision and accuracy, and involvement of local affected entities. Details may be found in their proposal in response to the economic analysis Request for Proposals.
2. **Public Scoping Workshop:** The economics contractor team will conduct an “Economic Analysis Scoping Workshop” on October 7, 2014, where they will present information about approaches to the economic analysis. Washington Coastal Marine Advisory Council (WCMAC) members and to any other interested parties are invited to ask questions and discuss their interests and needs in the study. Workshop topics are shown in the attached agenda. The presentation slides will be available as a *.pdf file after the workshop.
3. **Written Comments:** In addition to set periods for discussion, comments, and recommendations during the Workshop, there will be an opportunity made for WCMAC members and other interested individuals to provide written comments or suggestions to the economics team after the Workshop. Comments should be submitted to miketaylor@pacifier.com by October 13, 2014.
4. **Proposed Scope of Work:** The economics contractor team will develop a proposed scope of work that incorporates suggestions and recommendations from the scoping workshop and written comments, knowledge of available information, previous and ongoing studies, and Marine Spatial Planning needs.
5. **Science Panel Review:** The team will present the proposed scope of work to the Science Advisory Panel in mid-October, then revise and refine the scope of work based upon comments and input from the Panel.
6. **Contractor presents recommended Scope of Work:** The economics contractor will present the resulting scope of work, based on the process outlined above, to the WCMAC at the October 22 meeting. The final scope of work is subject to approval from Department of Ecology and Department of Natural Resources.