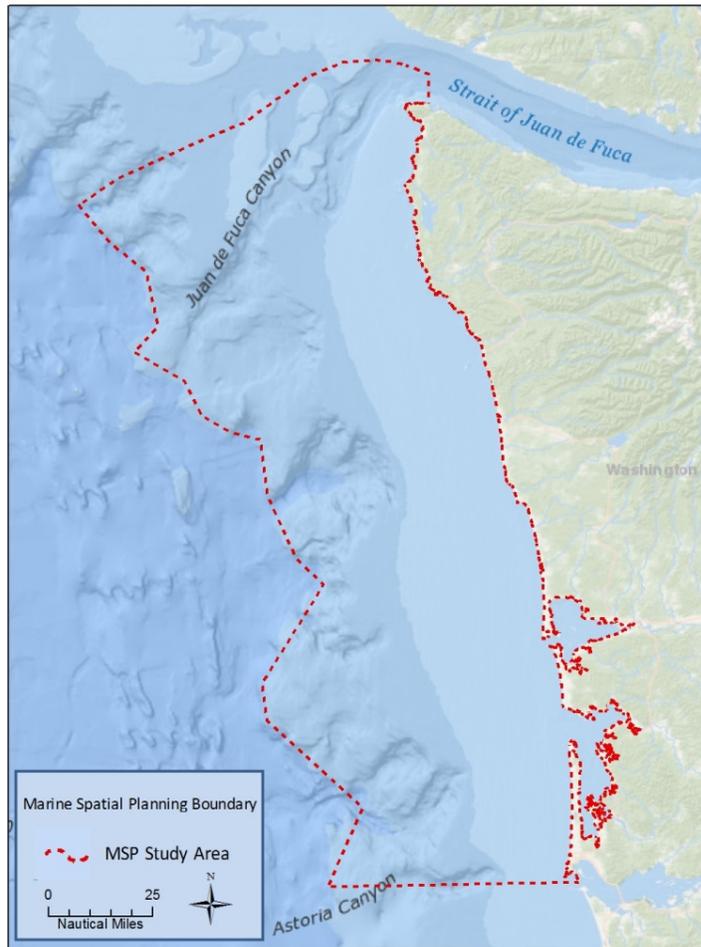


Scope of Marine Spatial Planning



The study area is 700 fathoms offshore and includes federal waters.

INTENT:

Address location of potential new marine uses.

PLAN GOALS/OBJECTIVES:

- Protect existing uses
- Protect cultural uses/resources
- Preserve environment
- Integrate decision-making
- Provide new economic opportunities

NON-REGULATORY PLAN

MSP Outline:

Part 1

- Background and Purpose

Part 2

- Context Chapters (Current and Potential Uses)

Part 3

- Use Analysis

Part 4

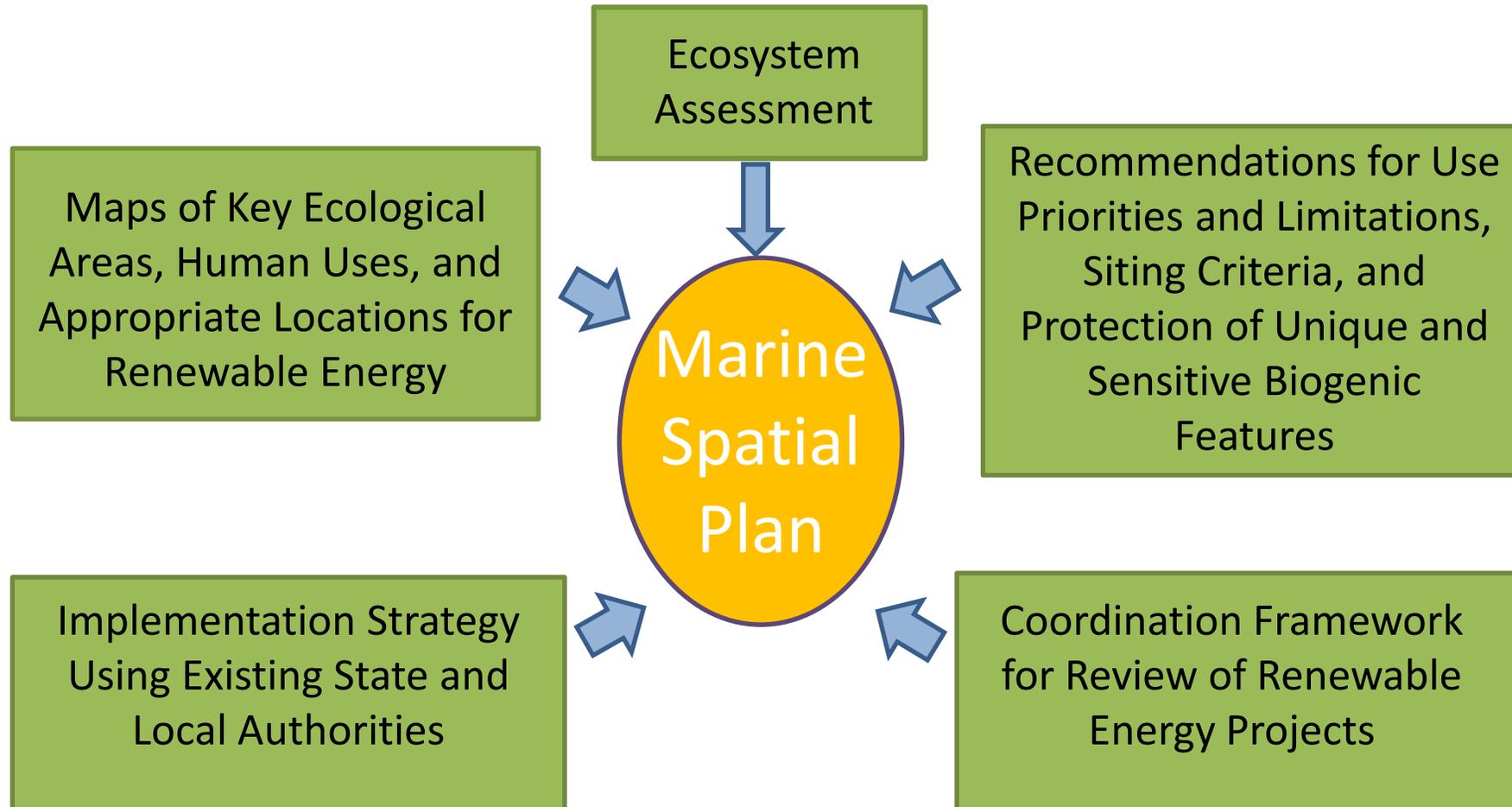
- Marine Spatial Plan and Management Framework

Part 5

- SEPA

MSP Context

The marine management plan must include but not be limited to...



RCW 43.372.040(6)

Marine Spatial Planning Use Assessment

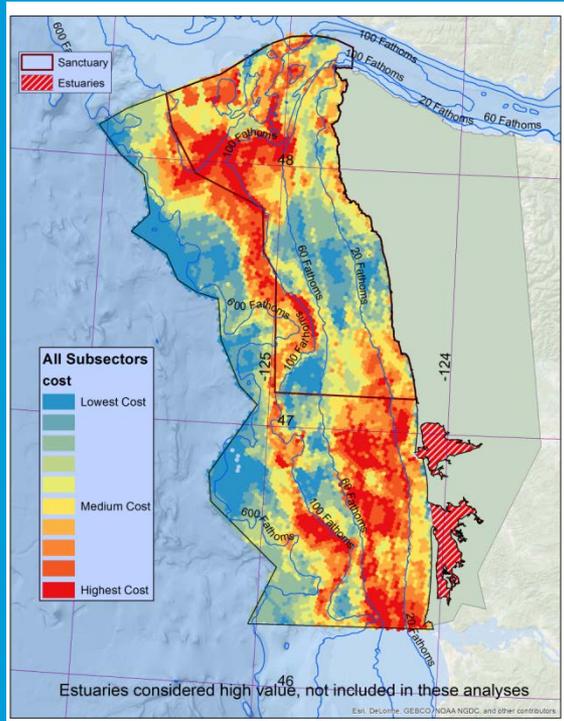
Renewable Energy Example

WCMAC Meeting June 13 2016

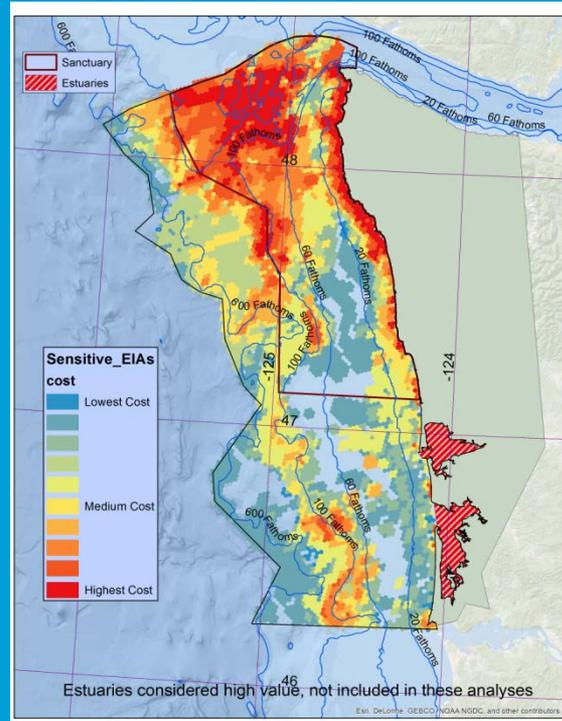
Presentation Overview

- Summarize May 26 workshop
- Review results from new scenarios
- Look “Under the Hood”
- Interpret results

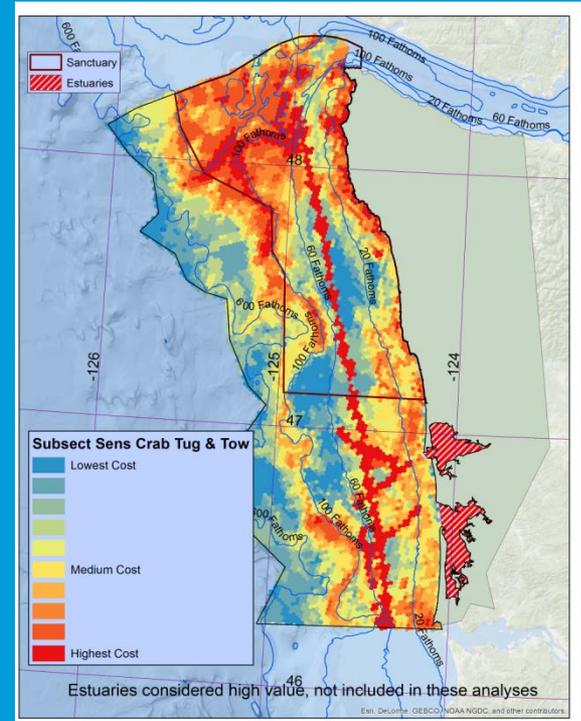
Important Use Areas



Subsector

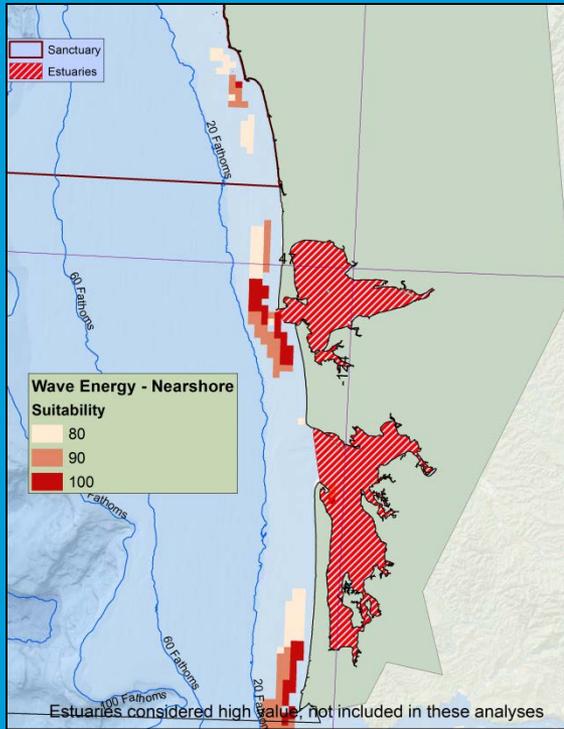


Sensitive

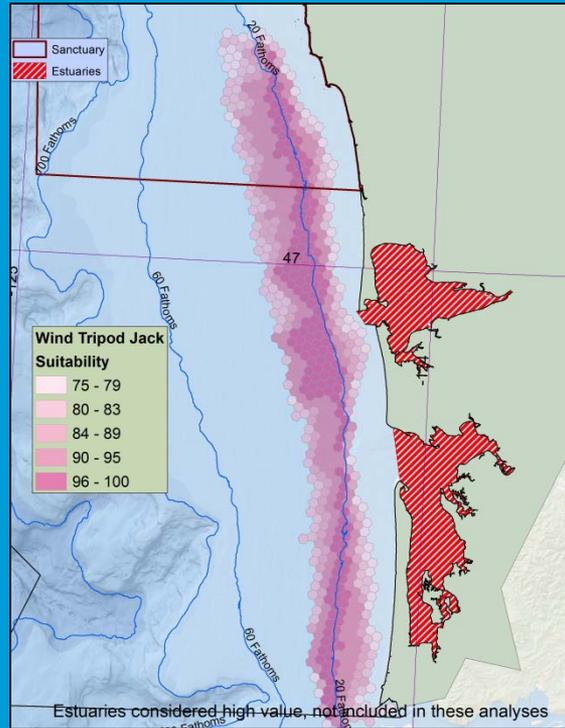


Subsector; Sensitive
Crab EIA;
Crabber Tug and Tow

RENEWABLE ENERGY SUITABILITY POTENTIAL

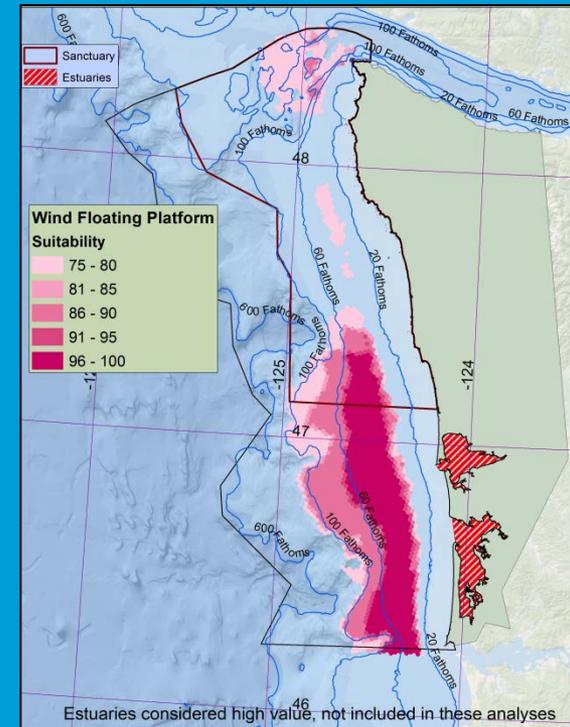


Wave - Nearshore

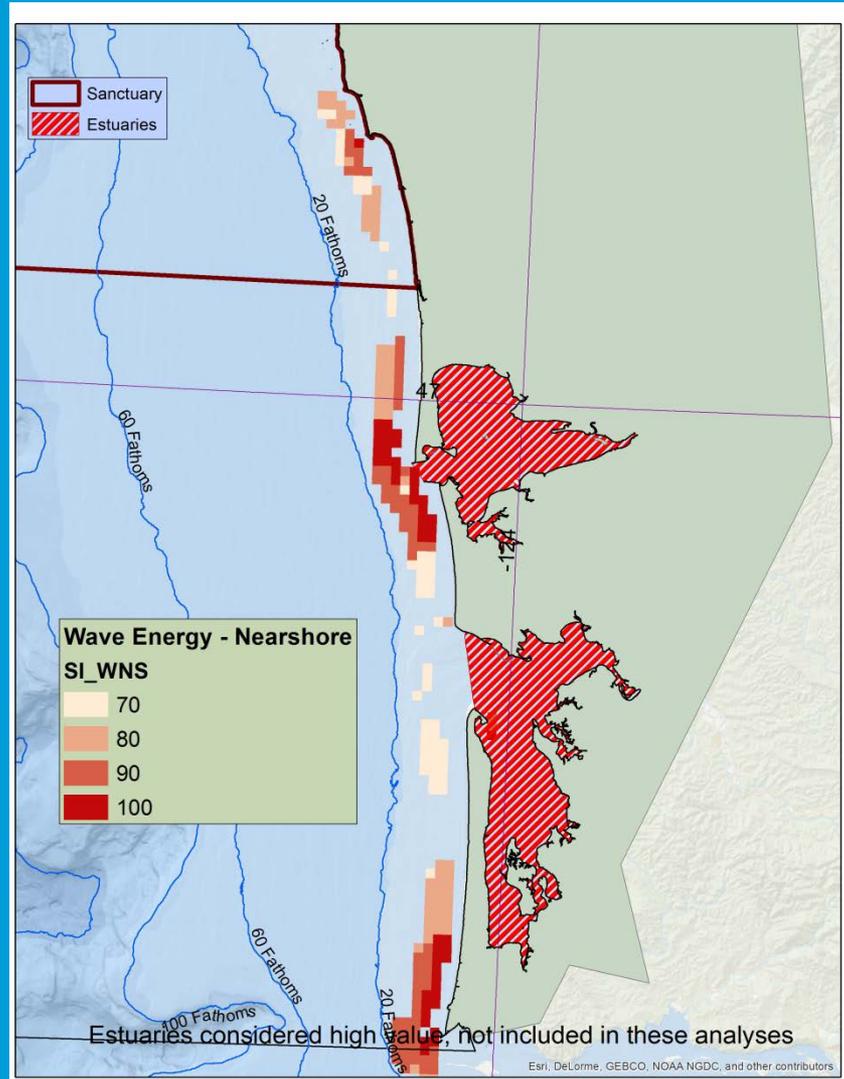


Wind - Tripod Jack

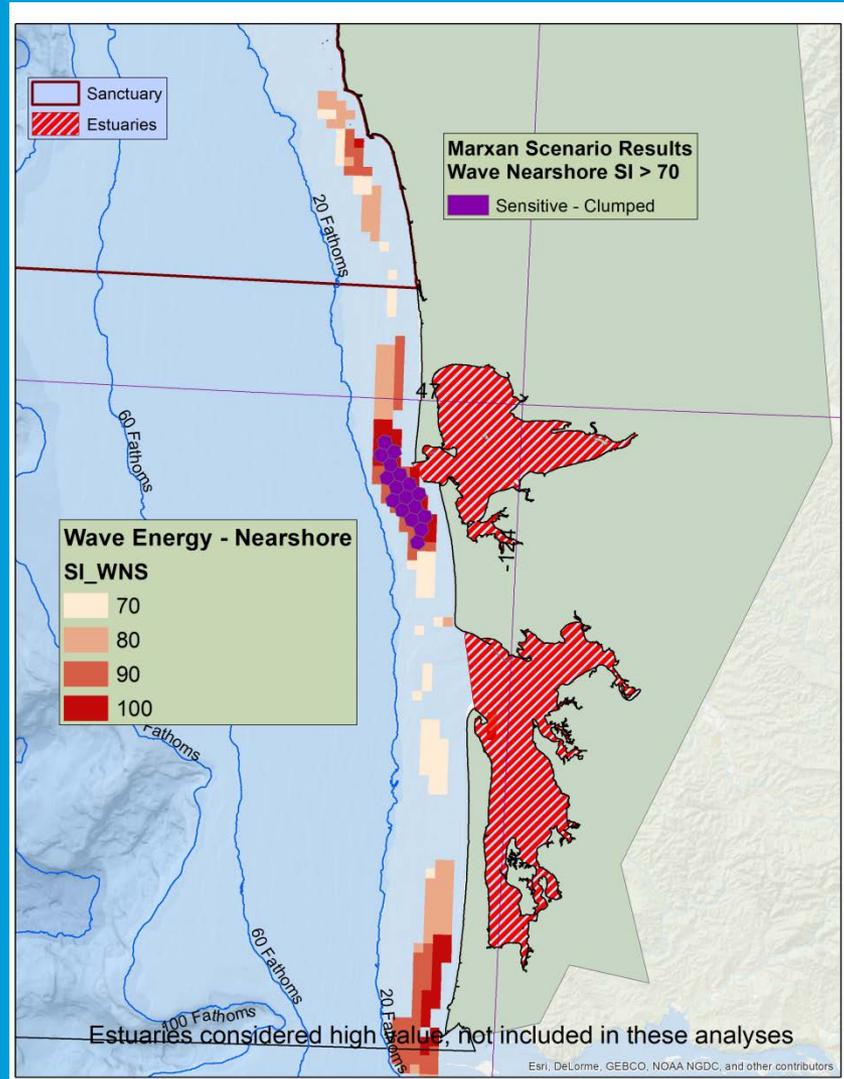
Wind Floating Platforms



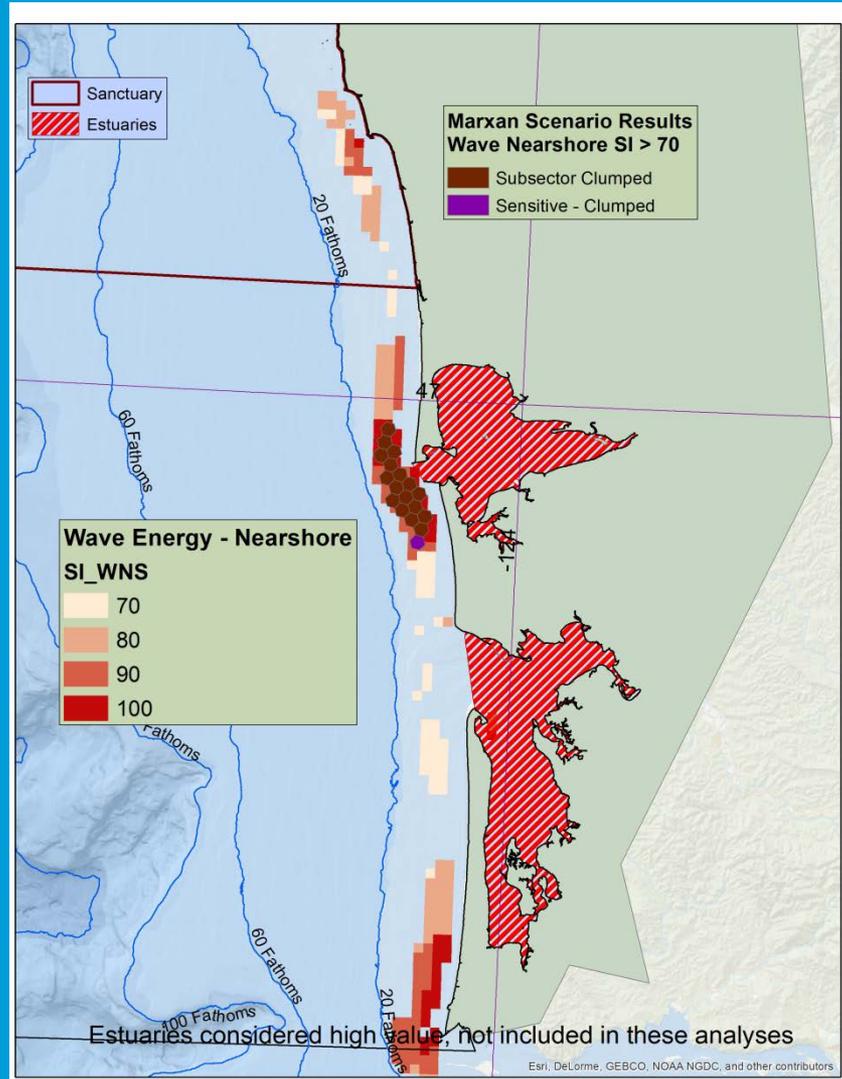
Wave Nearshore Suitability



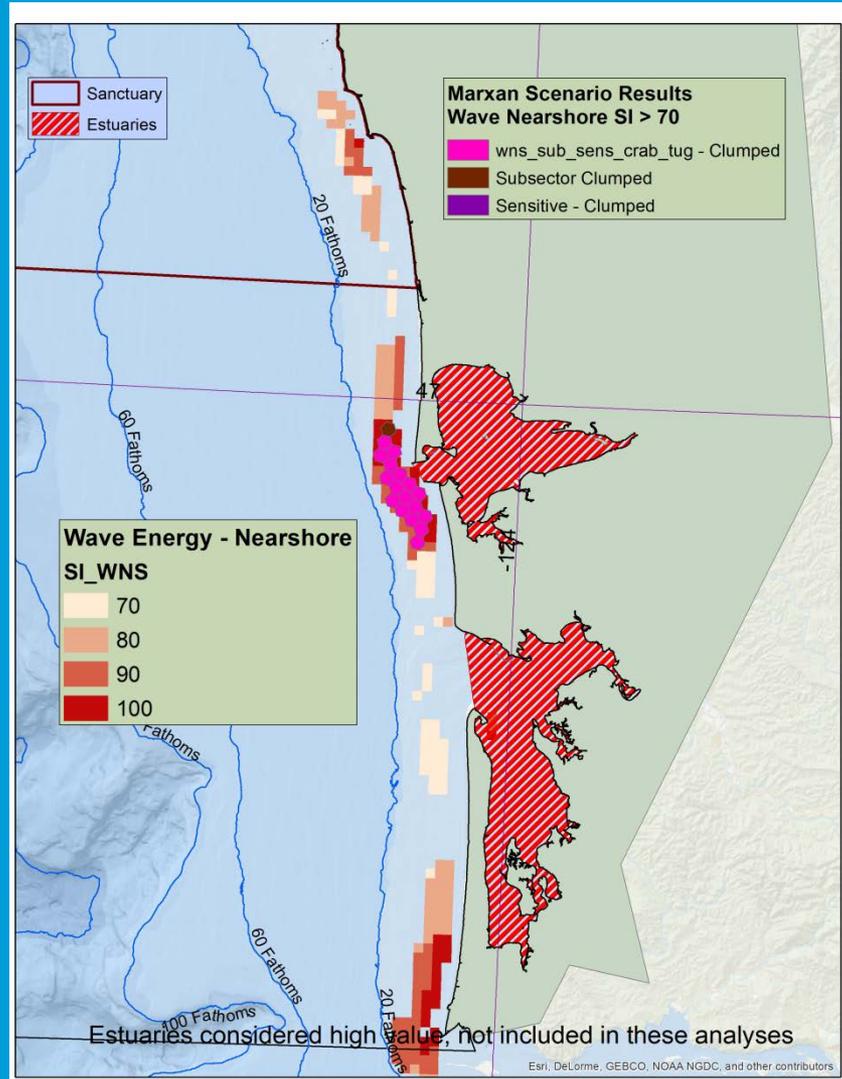
Wave Nearshore Suitability



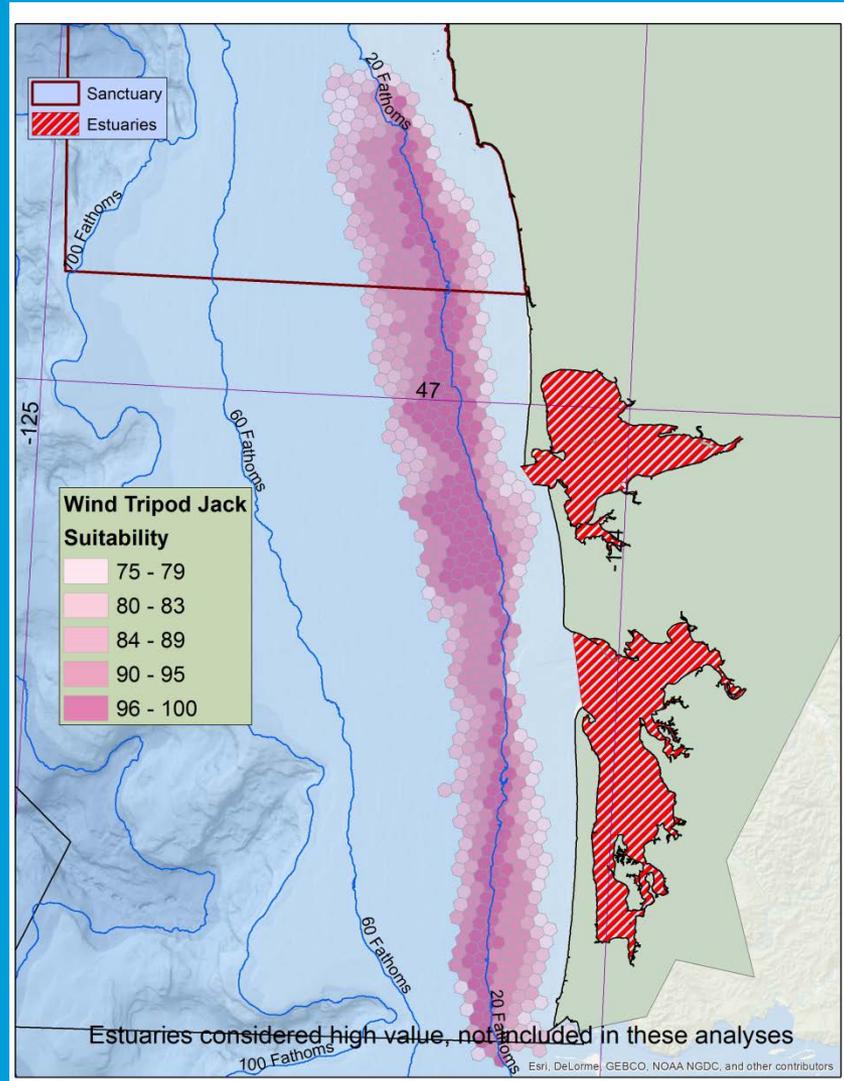
Wave Nearshore Suitability



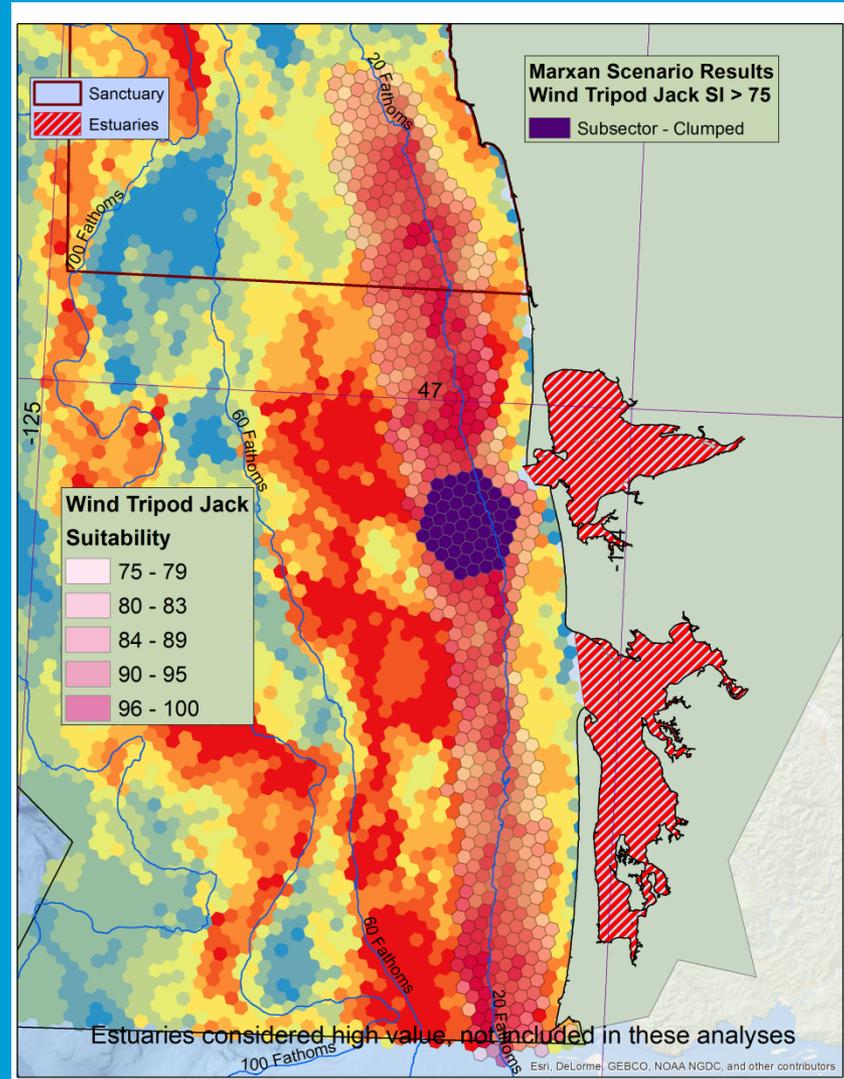
Wave Nearshore Suitability



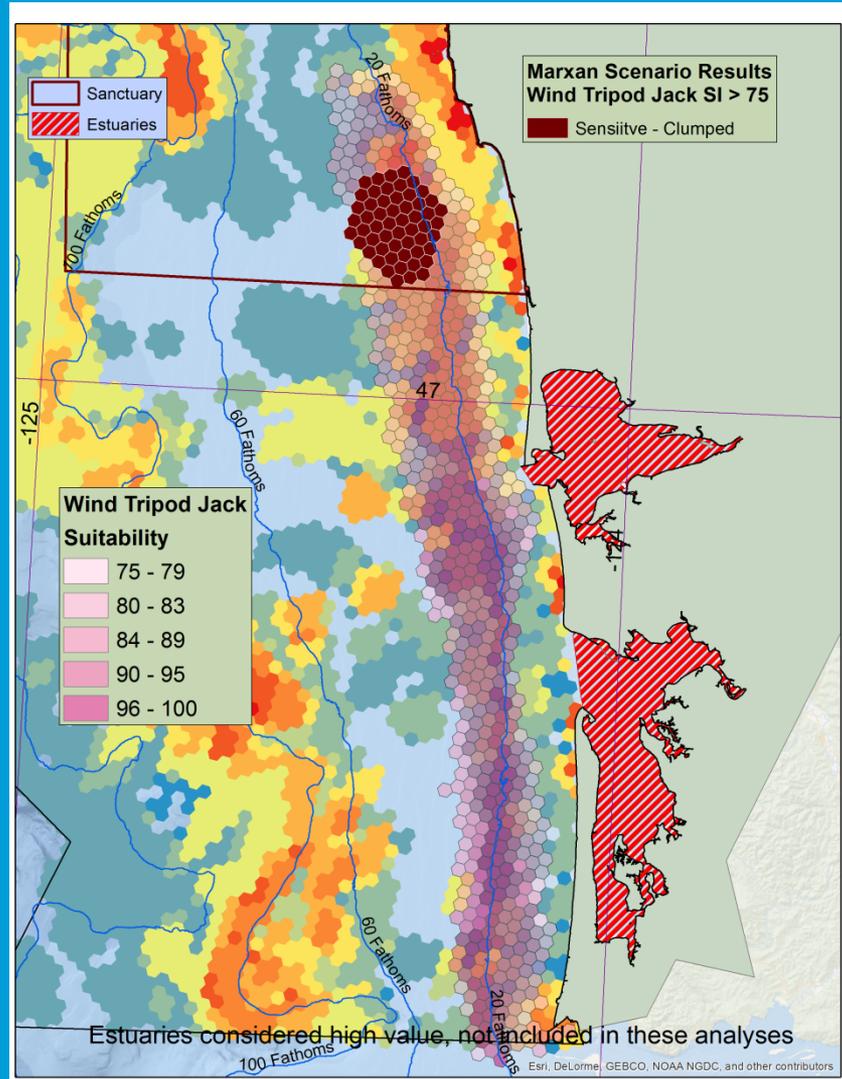
Wind Tripod Jack Suitability



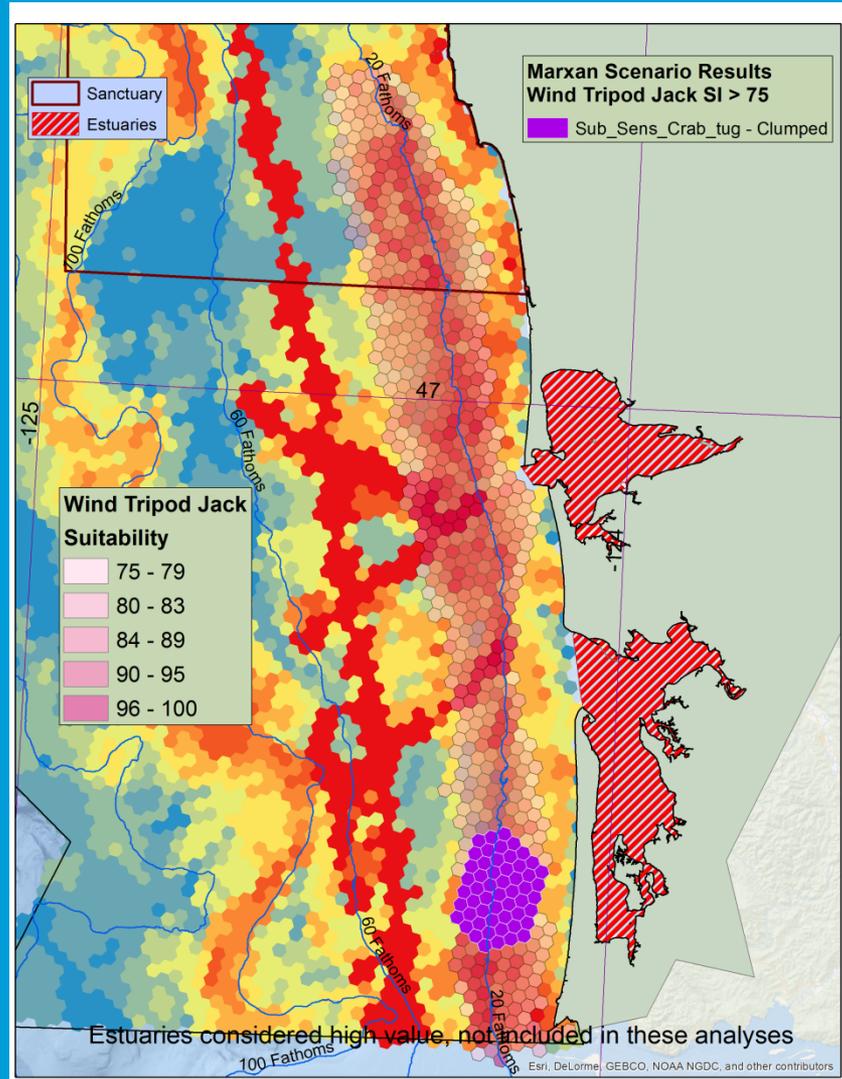
Wind Tripod Jack Suitability



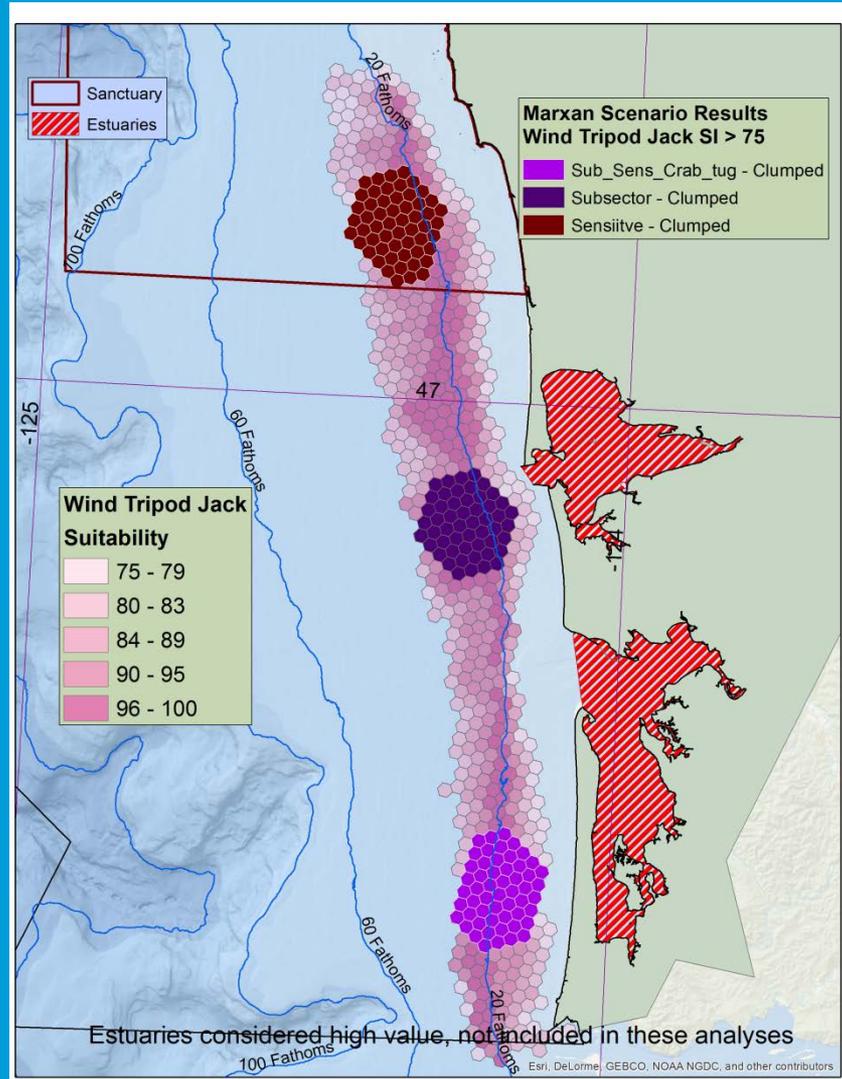
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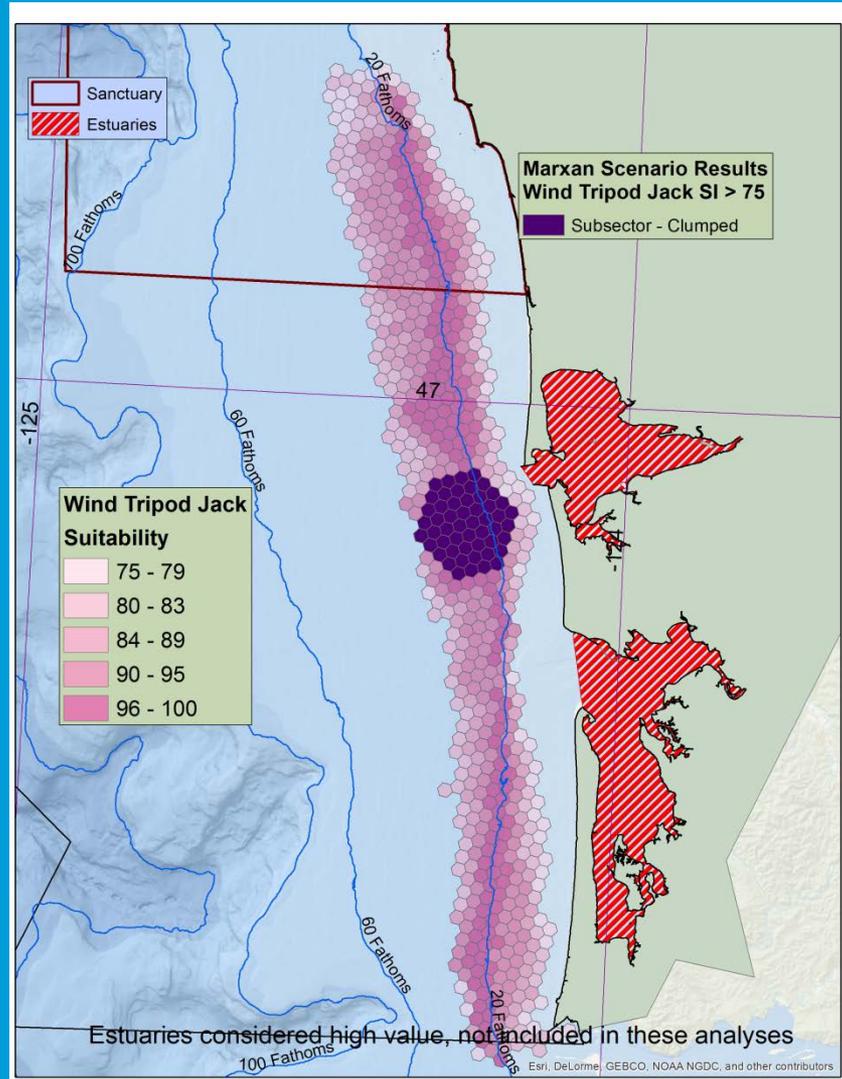
Wind Tripod Jack Suitability



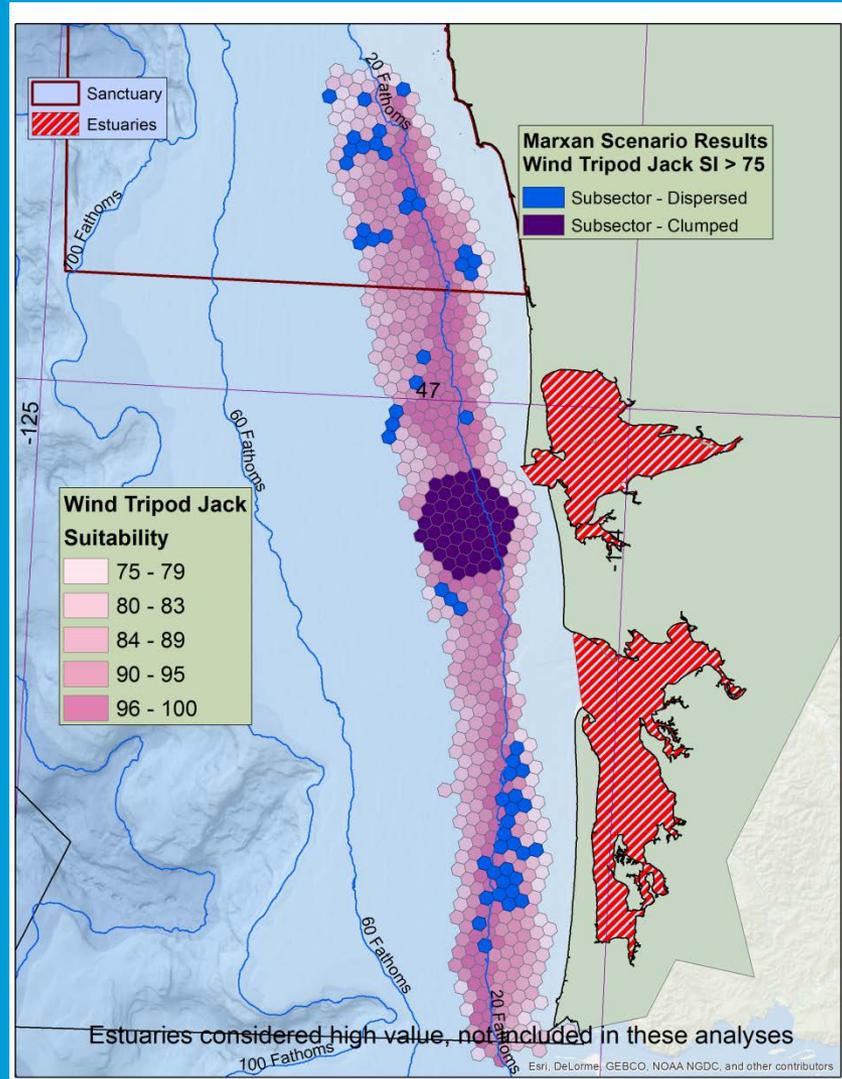
Wind Tripod Jack Suitability



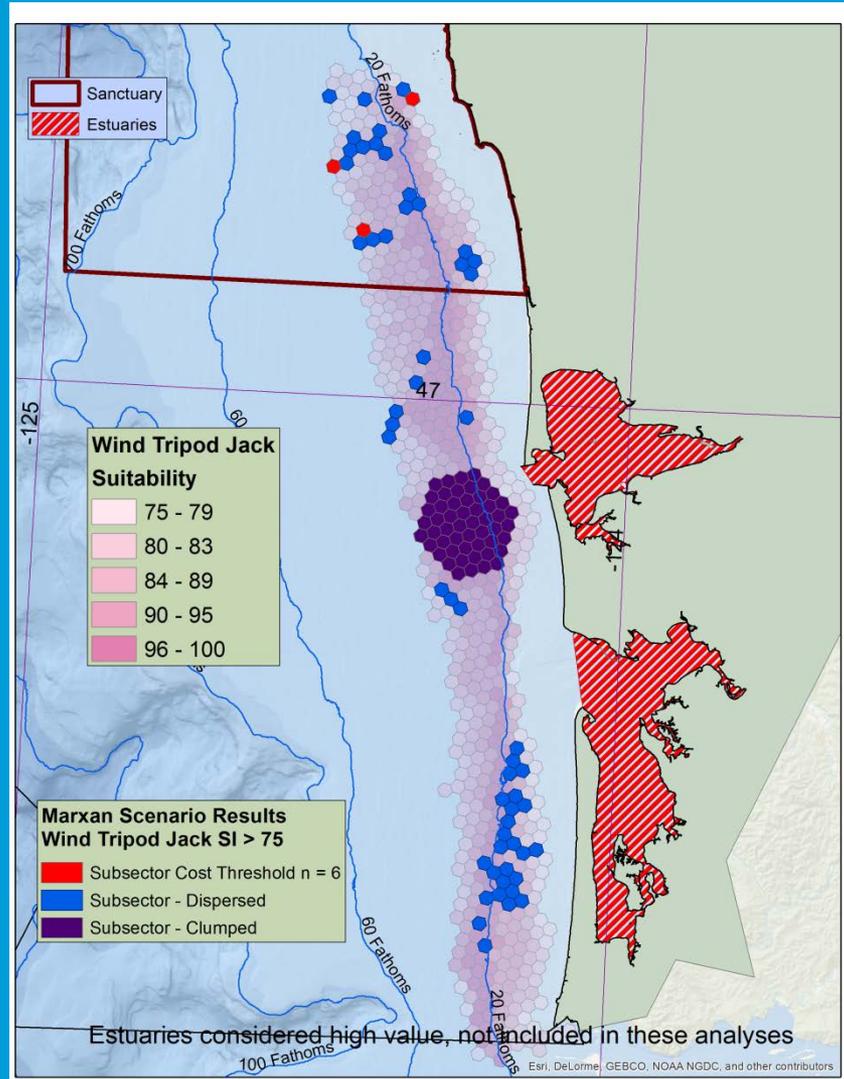
Wind Tripod Jack Suitability



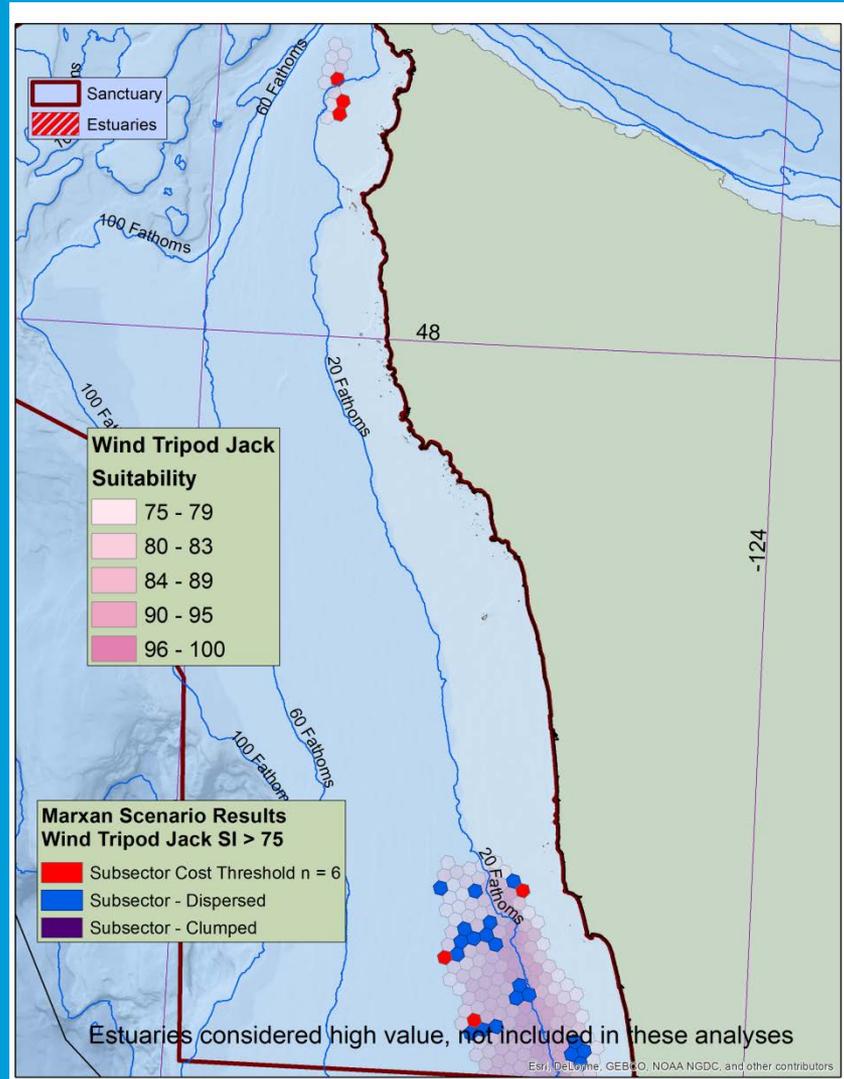
Wind Tripod Jack Suitability



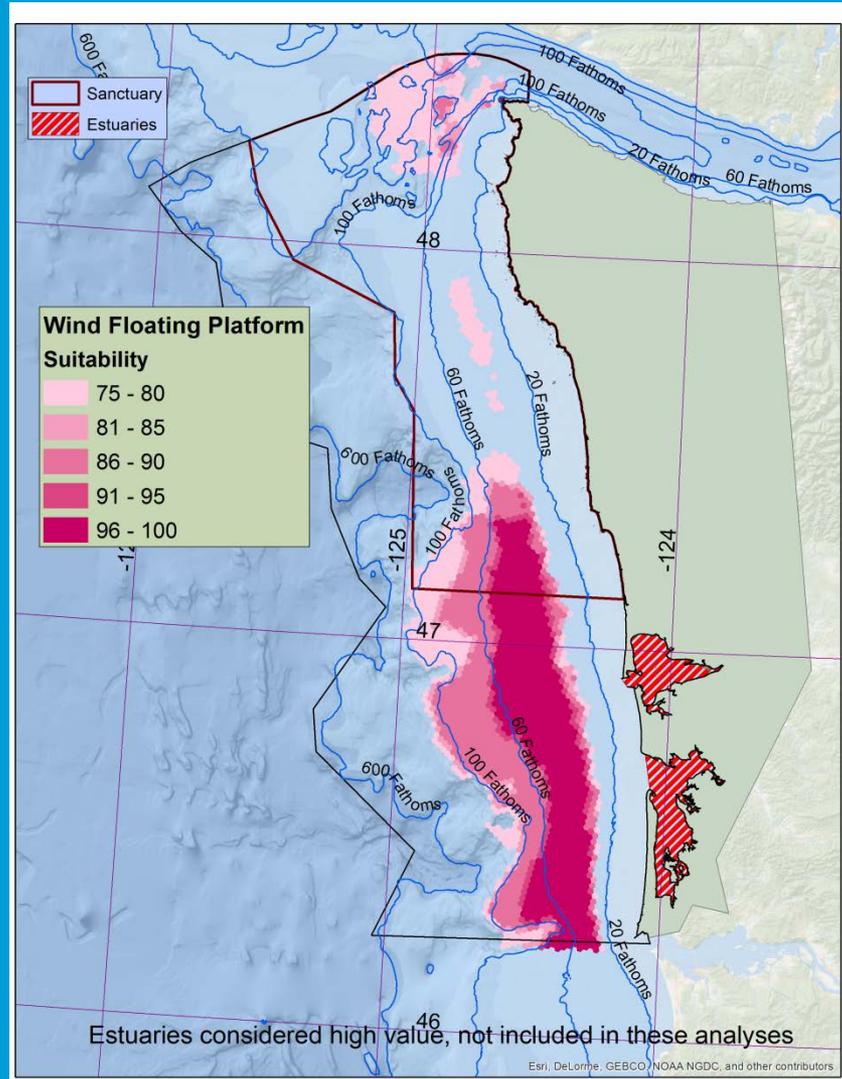
Wind Tripod Jack Suitability



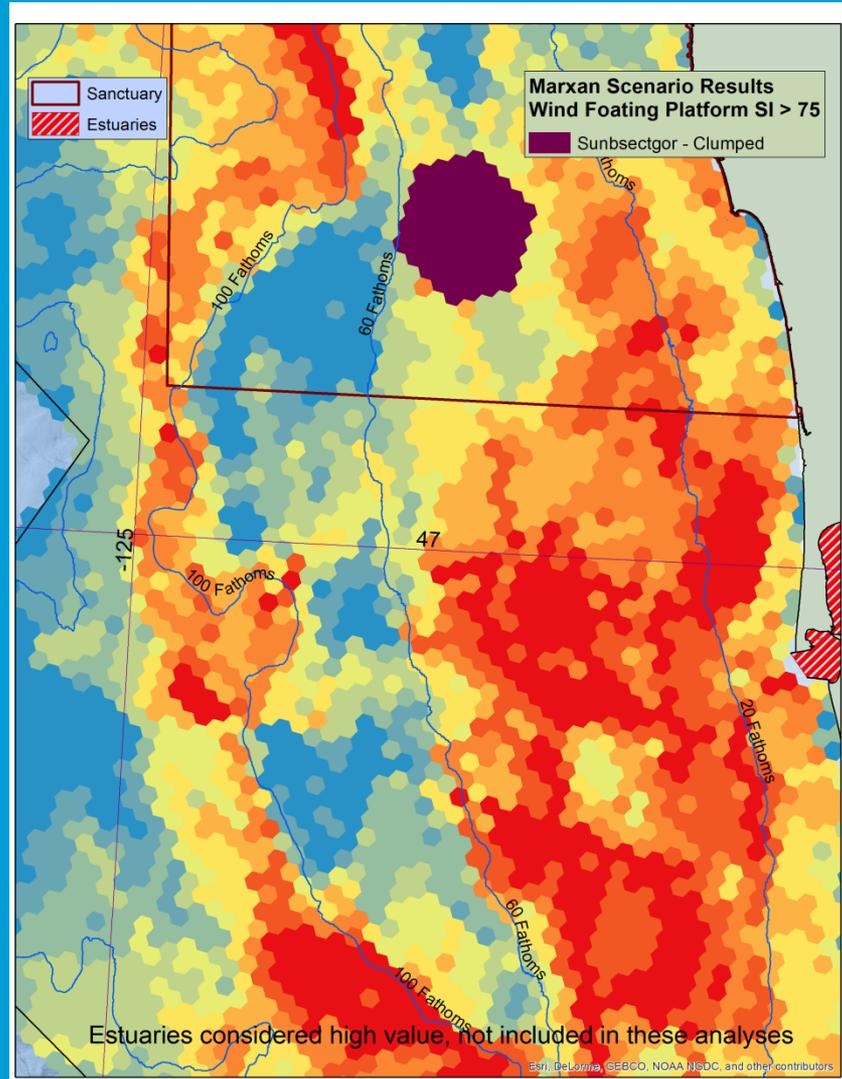
Wind Tripod Jack Suitability



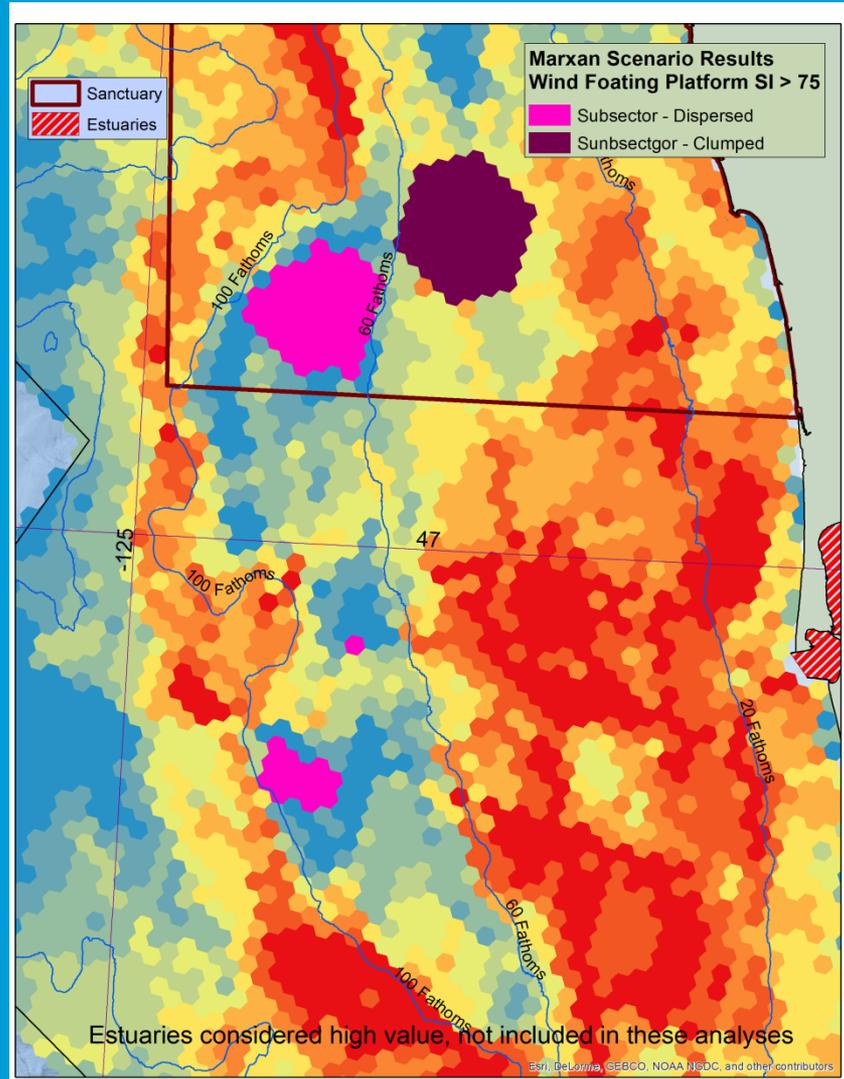
Wind Floating Platform Suitability



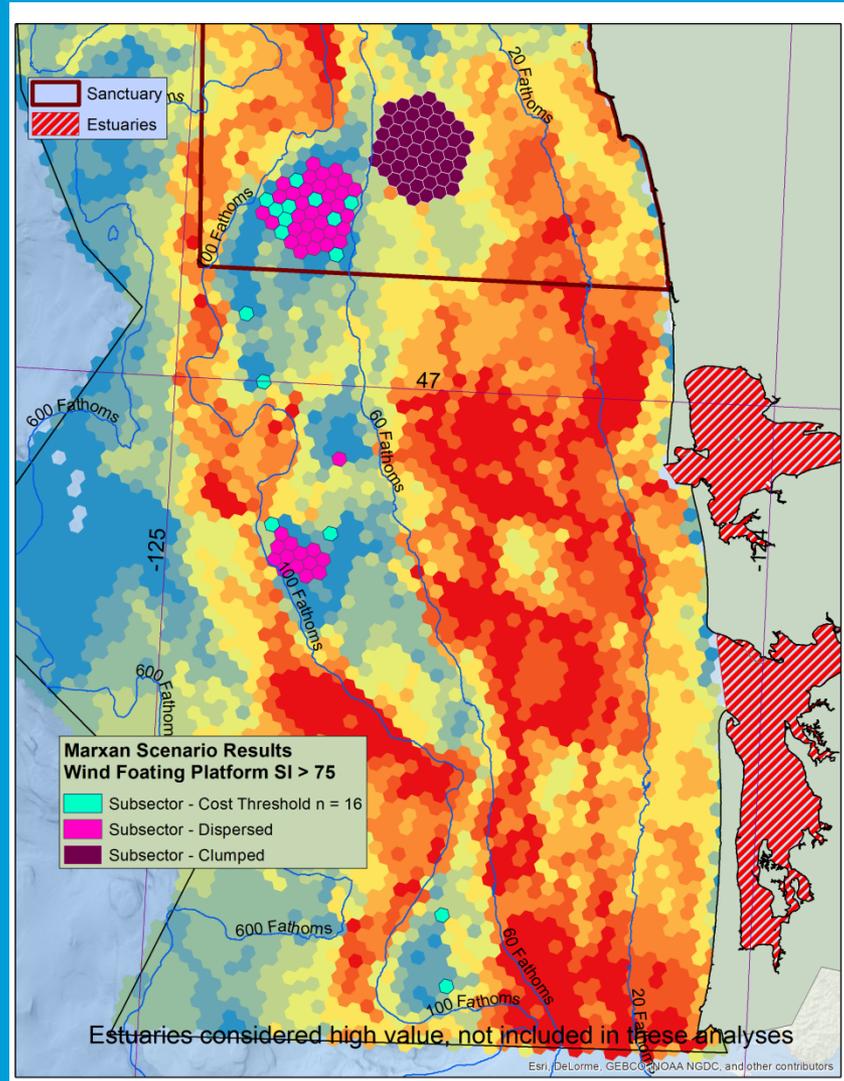
Wind Floating Platform Suitability



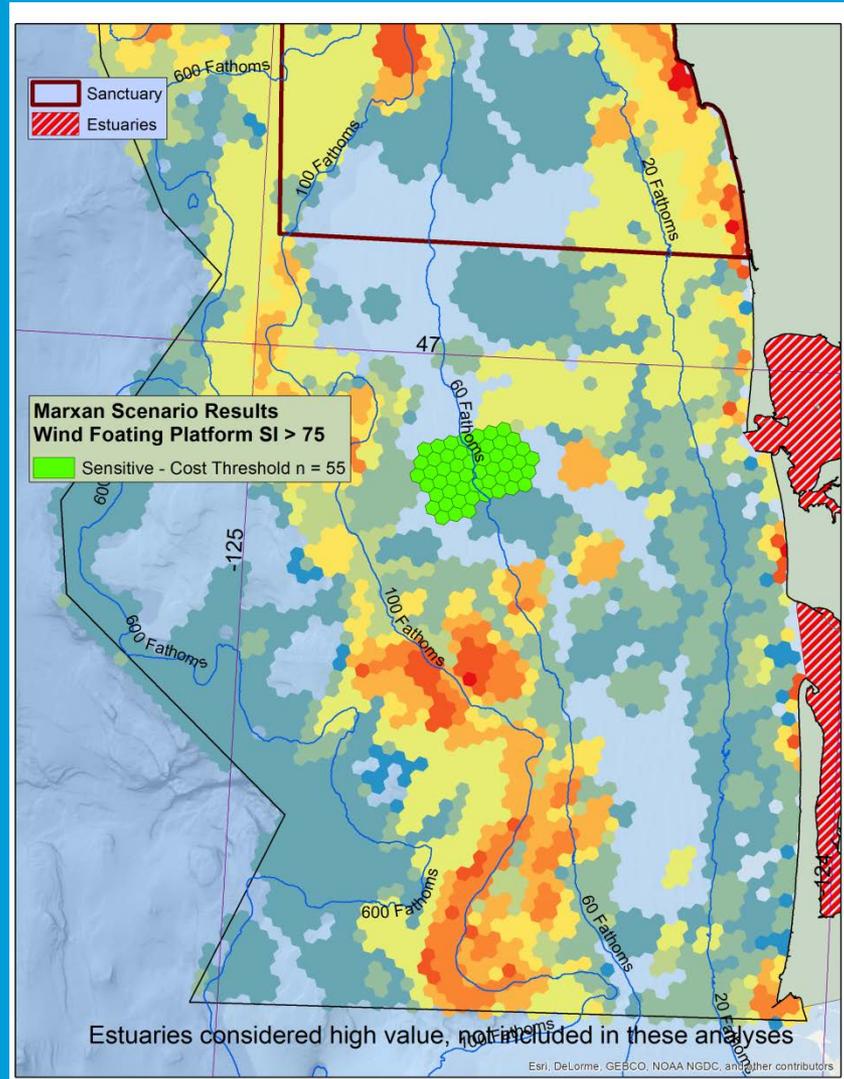
Wind Floating Platform Suitability



Wind Floating Platform Suitability



Wind Floating Platform Suitability



Wind Floating Platform Scenarios

Number of High Use Hexagons

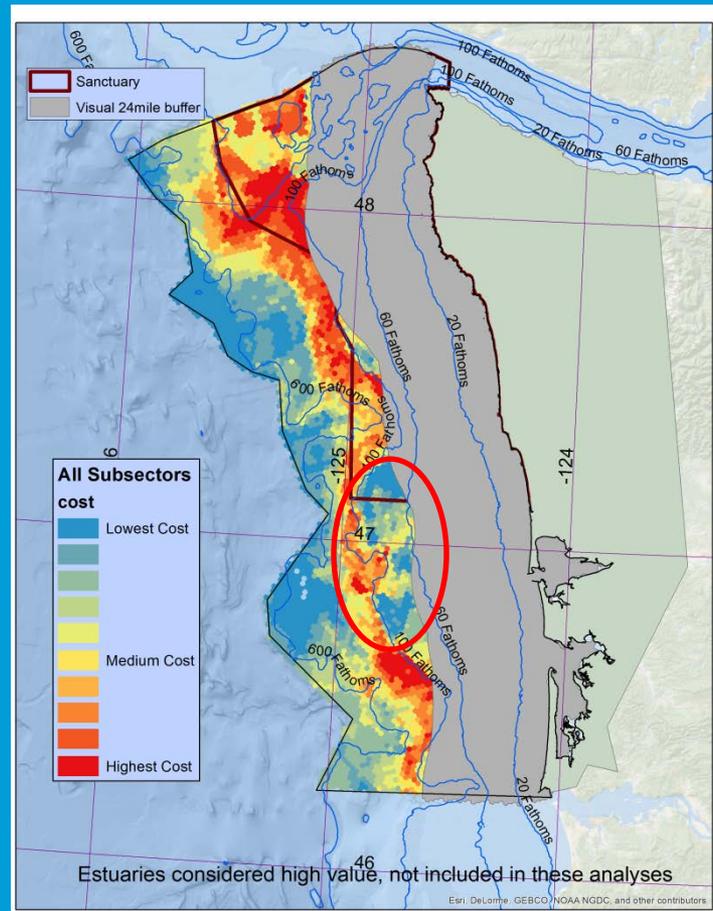
		Scenario ▾			
		WFP			
Spp_Sector	▾	Clumped	WFP Dispersed	WFP Subsector Cost	WFP Sensitive cost
⊕ Coral			3		3
⊕ Crab EIA		7			
⊕ Darkblotched Rockfish		9	64	13	1
⊕ Dover Sole		80	12	2	3
⊕ Greenstriped Rockfish			49	8	11
⊕ Hake_Whiting EIA		28	8		34
⊕ Pacific Ocean Perch					2
⊕ Petrale Sole		46	32	3	44
⊕ Sablefish		2	14	2	3
⊕ Shrimp_EIA			34	4	28
⊕ SSPN_rank					2
⊕ Yelloweye Rockfish			21	4	1

Wind Floating Platform Scenarios

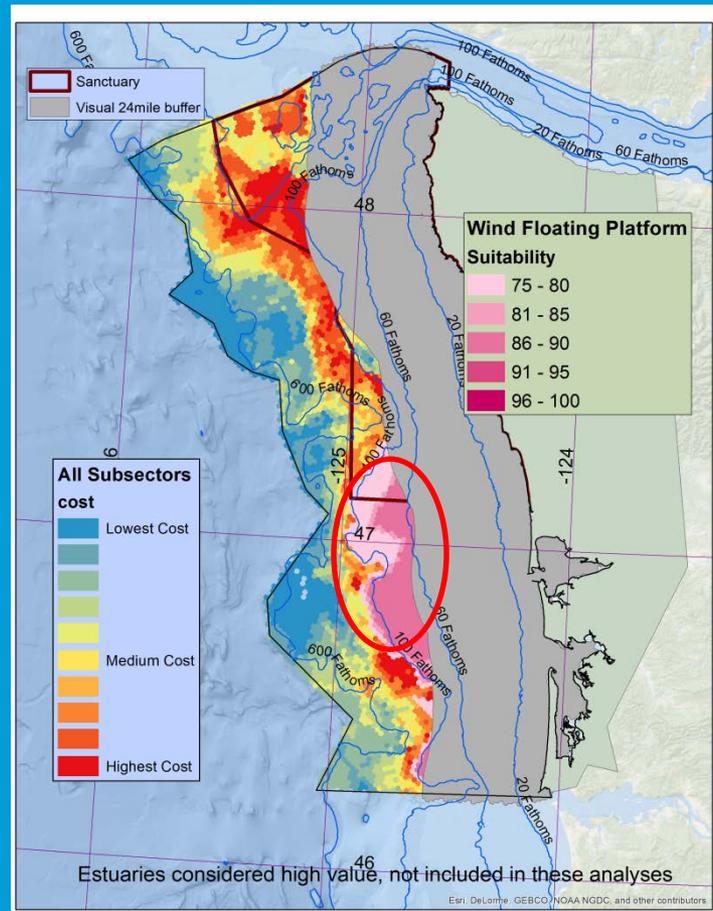
Number of High Use Hexagons

Scenario ▾					
WFP					
Spp_Sector ▾	Clumped	WFP Dispersed	WFP Subsector Cost	WFP Sensitive cost	
+ Black Footed Albatross		55	5	31	
+ Blackfooted Albatross Winter				2	
+ Common Murre Winter	80	15	2	22	
+ Dalls Porpoise		17	1	11	
+ Harbor Porpoise	1				
+ Humpback Whale				3	
+ Northern Fulmar		10	1	3	
+ Pinkfooted Shearwater	55	25	1	18	
+ Sooty Shearwater	28			2	
+ Tufted Puffin				3	

Applying a 24 Mile Visual Buffer



Applying a 24 Mile Visual Buffer



Summary

- There is no one answer, (e.g. mid depth wind energy example)
- Model results do not account for real differences in potential impacts to uses from technologies
- No results were evaluated to determine long term sustainability of current use sectors at different development scenarios

Summary Continued

- Models can be run to range from minimal acceptable development up to maximum necessary to meet State energy Goals
- Focusing value on one use sector alone will undoubtedly have impacts to other use sectors

Summary Continued

- Some areas offer little opportunity to develop to maximum potential (i.e. nearshore wave or wind), although minimal development options may exist
- Deep waters at the southern end of the project area may offer the greatest opportunity to minimize impact to existing uses while offering access to potential renewable energy.

Questions? Discussion