



# Oregon's Fisheries and Offshore Renewable Energy Development

**National Academies Committee Meeting #4**

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# ODFW Role in Offshore Wind



## What is our role?

ODFW provides input to state and federal agencies on:

- Species
- Habitat
- Fisheries



# Potential Fisheries Impacts

- Displacement and exclusion
- Fishery Compression
- Operational Concerns
- Scientific Survey Loss
- Restricted Access to Port Infrastructure



# Setting the Stage: Offshore Wind Siting in Oregon



## BOEM Siting Process

- Call for Information
- Original Call Areas
- Final Call Areas
- Draft WEAs
- Final WEAs

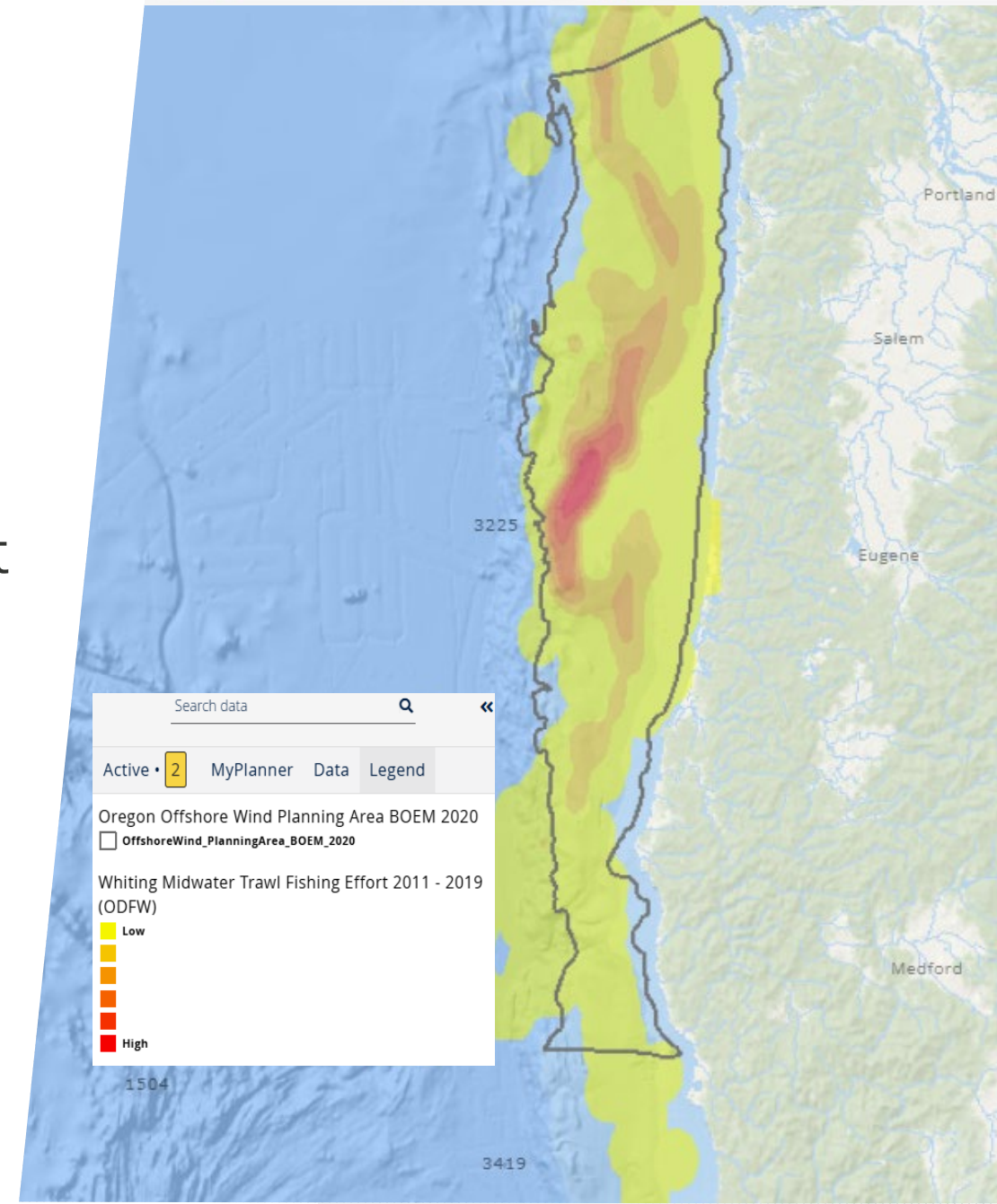


# How to represent spatial importance of fisheries?



## OROWindMap Heatmaps

- ODFW created fisheries heat maps
- Only included effort metrics
- Maps for each fishery



# Navigating together: Building Collaboration between ODFW and NMFS



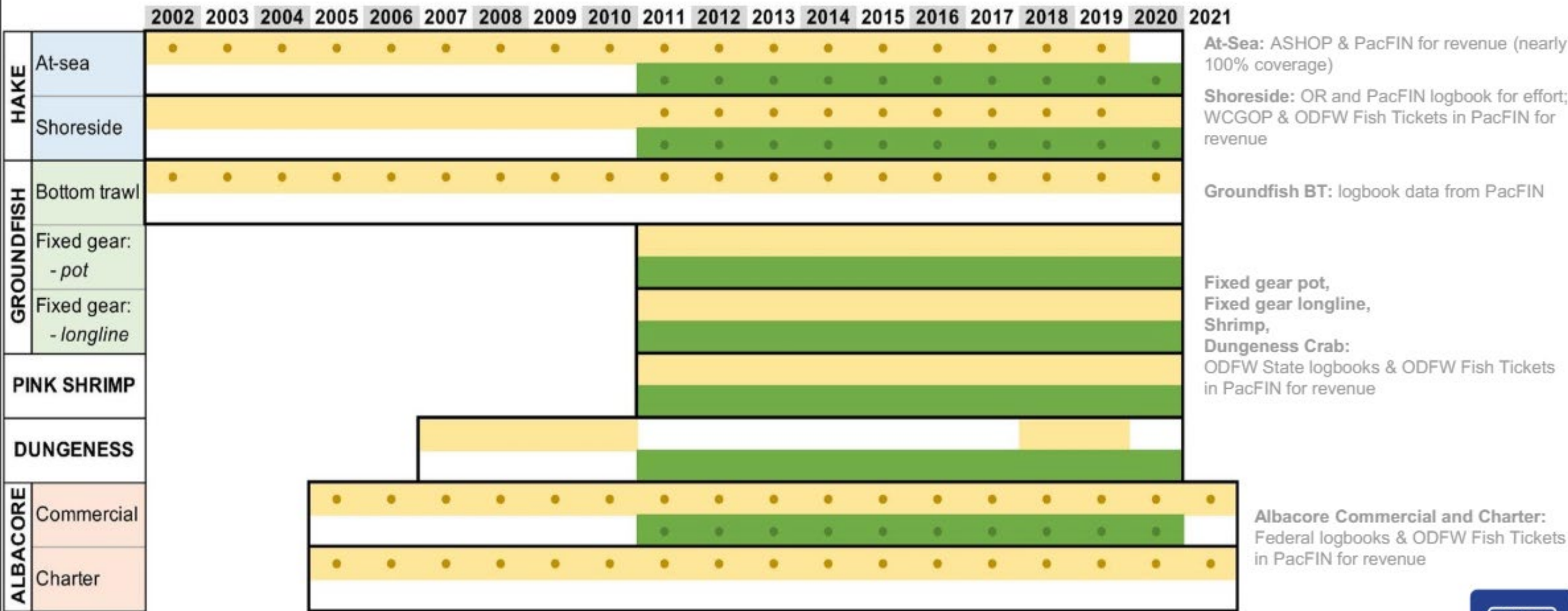
## NMFS and ODFW Joint Technical Assistance to BOEM and NCCOS for BOEM's Oregon Spatial Model

- Fisheries sub model data to be used in the BOEM process
- Effort and Revenue
- Combined metrics for maps
- Tight time



# Sectors and Years Analyzed

ASHOP = At-sea hake Observer Program  
WCGOP = West Coast Groundfish Observer Program



● ● Includes catch landed at all ports on the west coast; otherwise only catch landed at OR ports included.

**Effort:** fishing coordinates, duration fished & amount of fixed gear from state or federal logbooks or ASHOP

**Revenue:** state or federal logbooks or WCGOP or ASHOP data matched to PacFIN fish ticket database



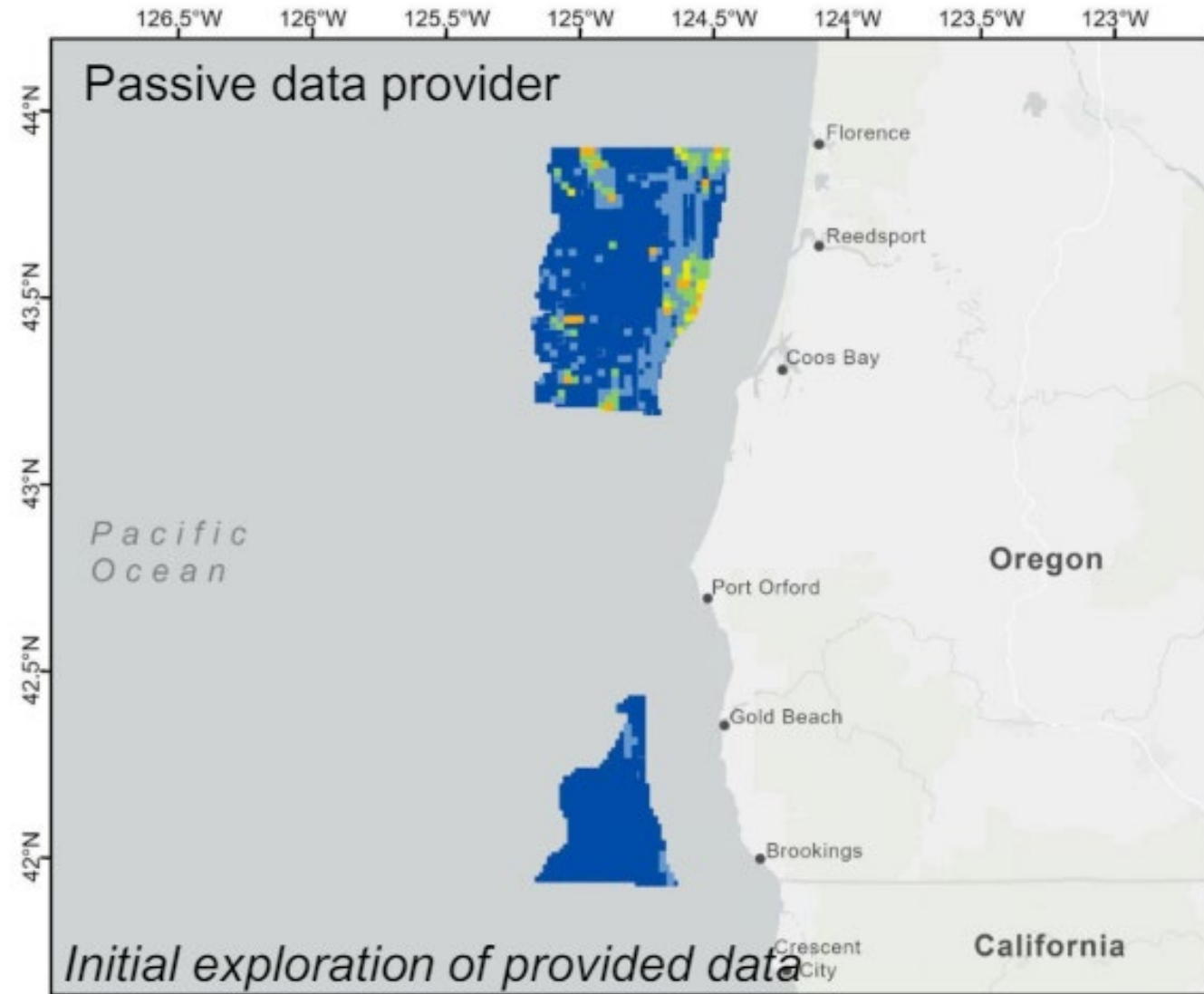
**NOAA**  
FISHERIES

Sept 30, 2022



# Passive vs Active Engagement

- Preliminary look at the data
- Maps underestimated the space fisheries operate
- Data exploration of effort and revenue data used to create combined maps

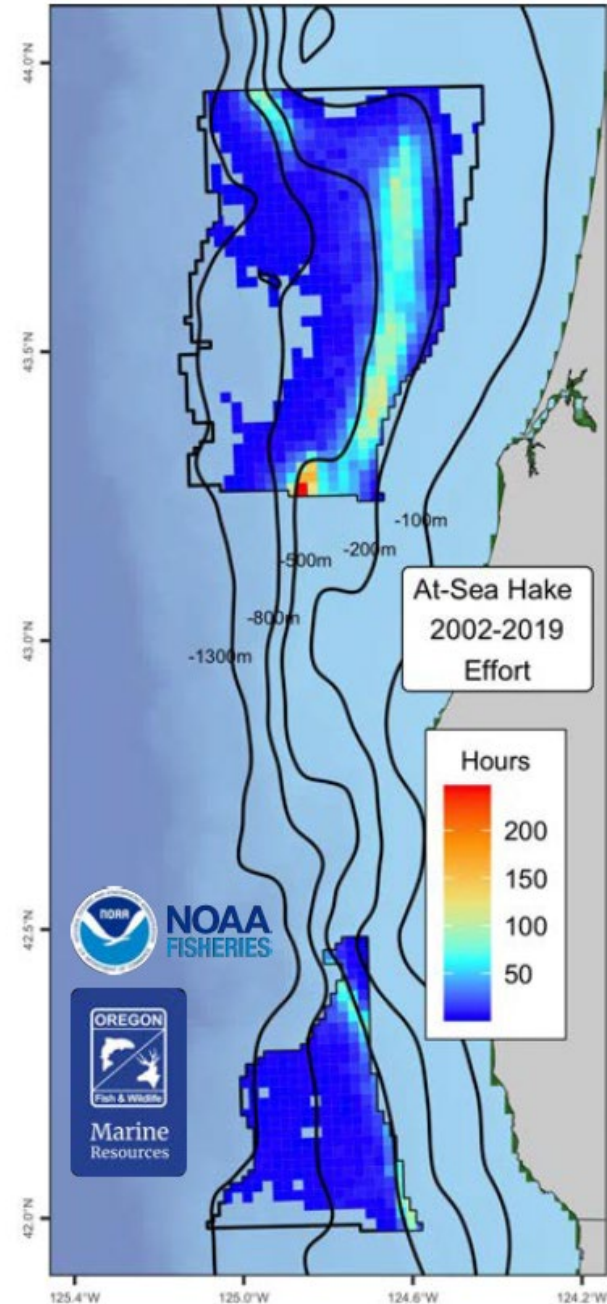


# Passive vs Active Engagement

- Both effort and revenue had cells with high values that de-emphasized the other cells
- Applied a ranking process
- After ranking normalized to combine effort and revenue

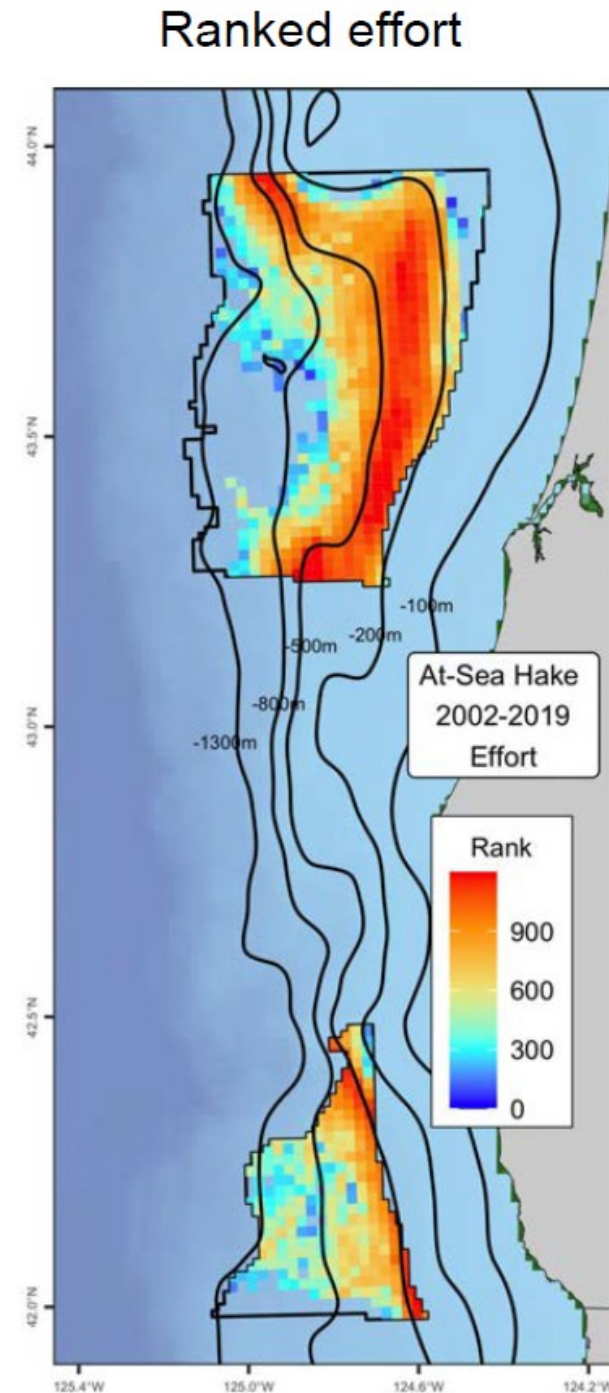
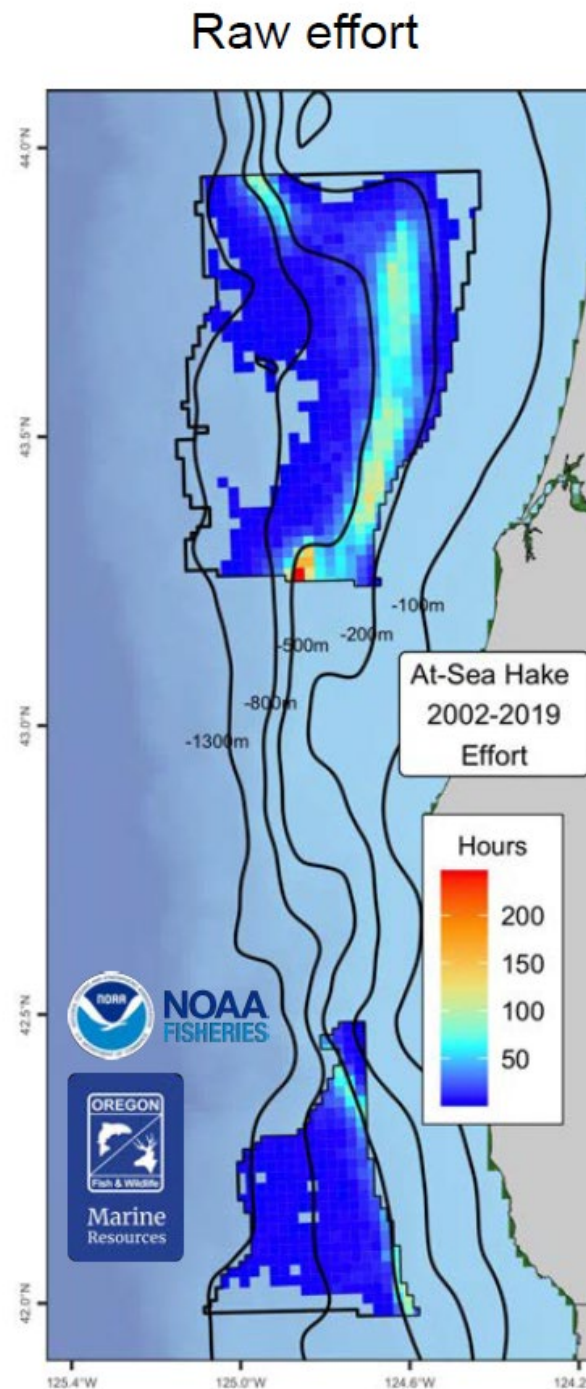


Raw effort

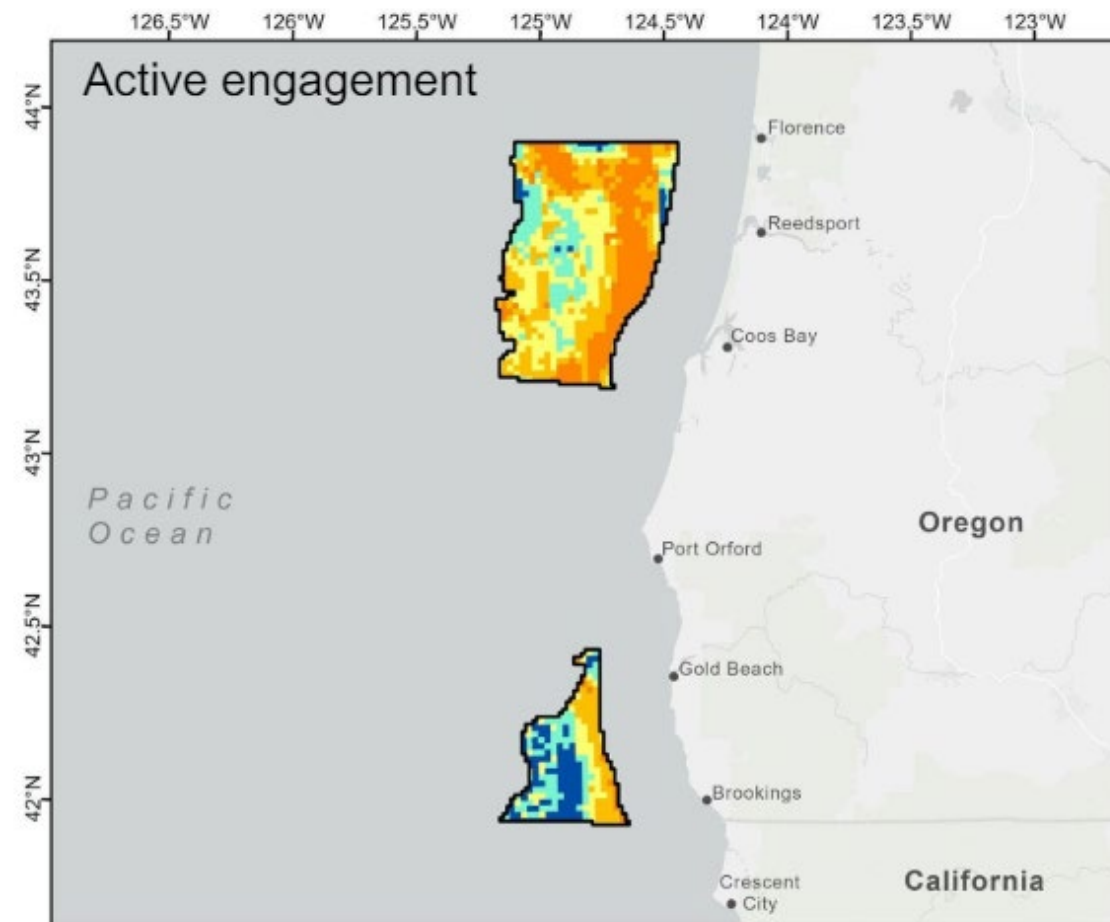
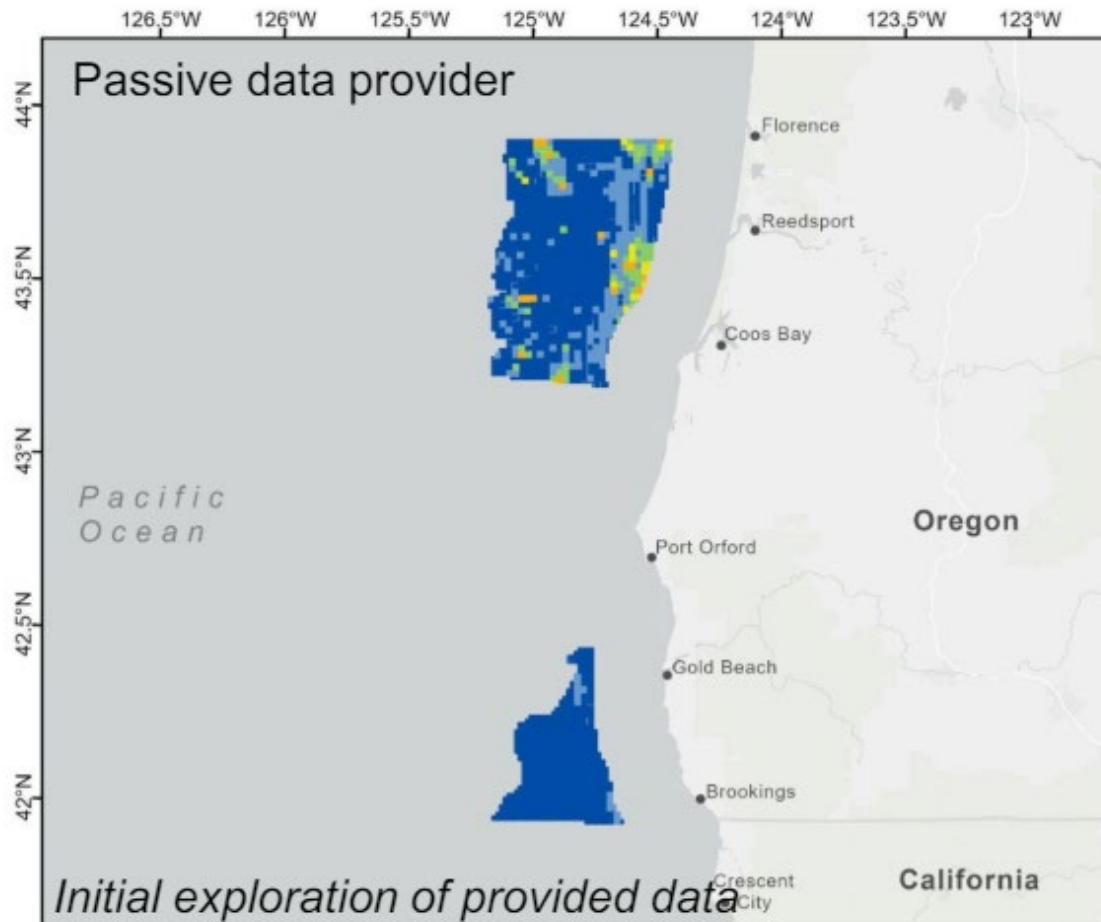


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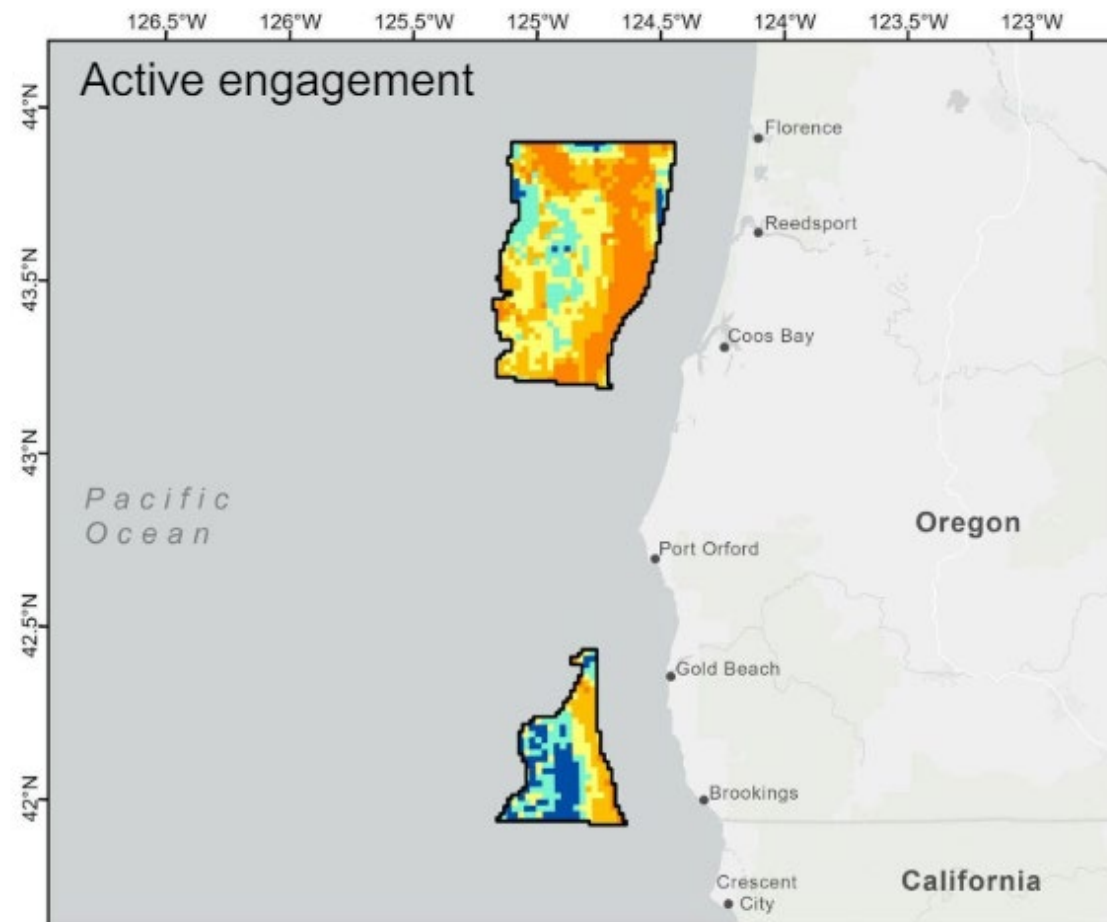
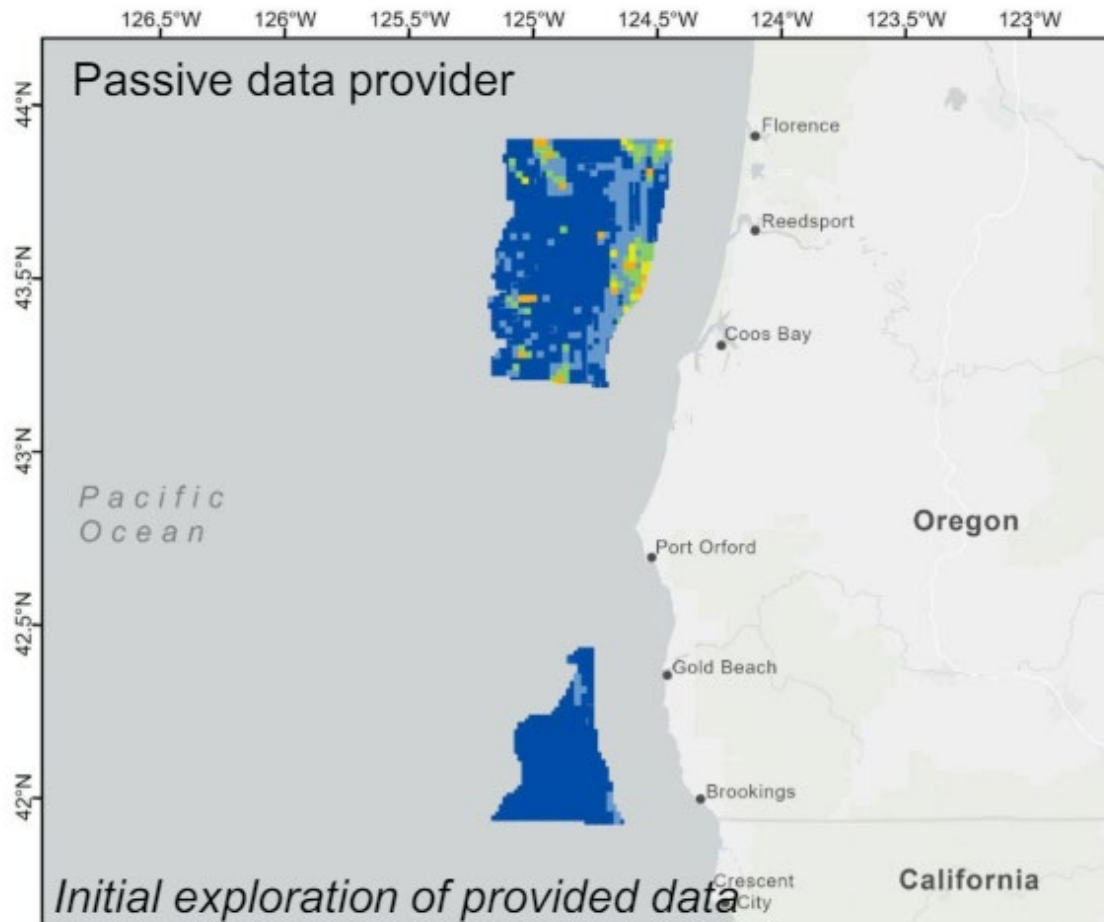
# Passive vs Active Engagement



# Passive vs Active Engagement

Harvey, C.J., Clay, P.M., Selden, R. *et al.* Embracing social-ecological system complexity to promote climate-ready fisheries. *Rev Fish Biol Fisheries* **35**, 633–658 (2025).

<https://doi.org/10.1007/s11160-025-09926-x>



# Be Prepared and Use Time Wisely



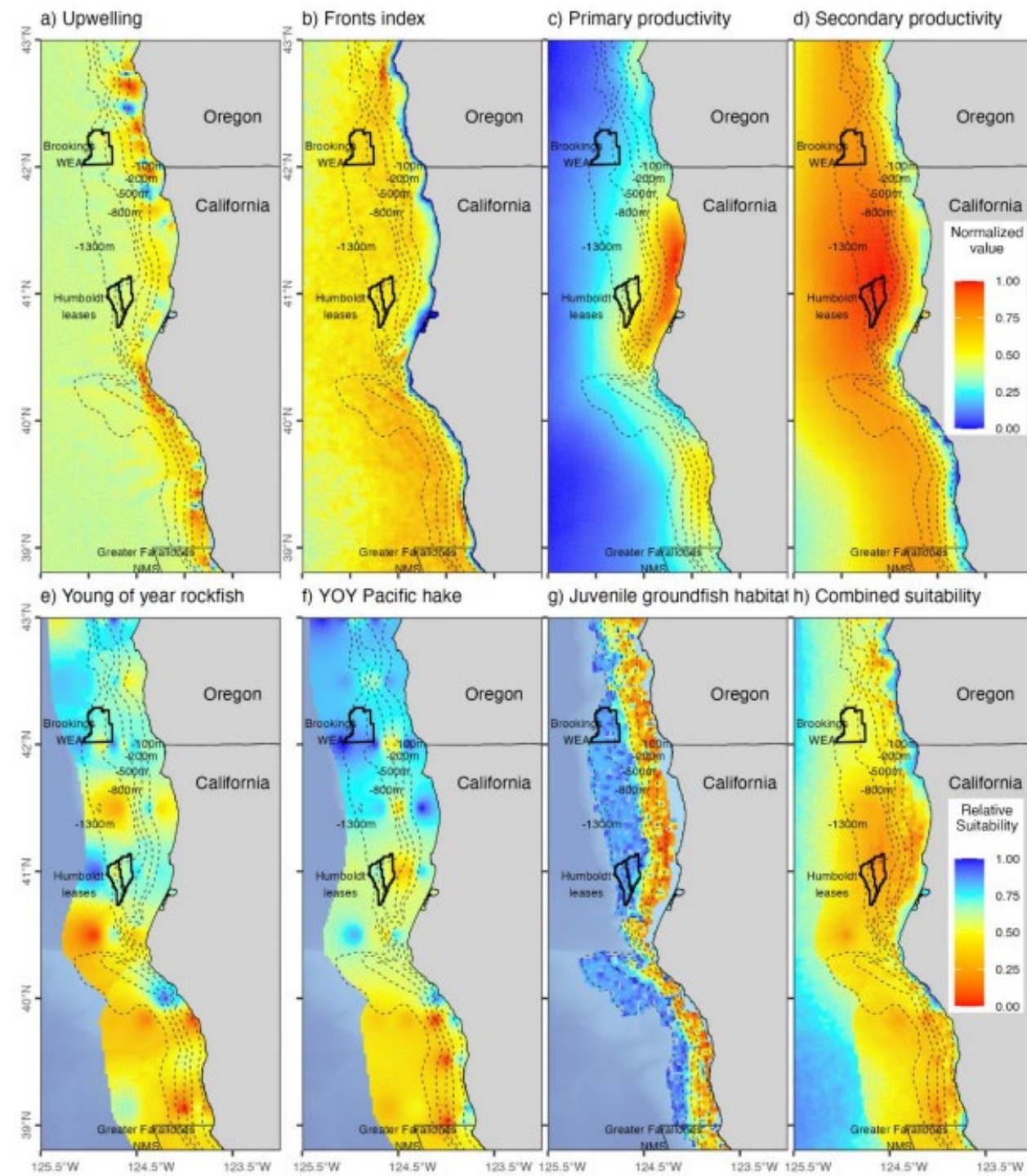
## Fill Data Gaps

- Ecosystem indicators
- Fishery data gaps
- Inshore fisheries



## Build Collaborations

- West Coast collaborations



An aerial photograph of a blue fishing boat with a white cabin and a yellow stripe, moving across a deep blue ocean. The boat is leaving a white wake. The image is positioned on the left side of the slide, which is split diagonally from the top-left corner to the bottom-right corner. The right side of the slide has a solid dark blue background.

# Questions?

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