POET Conference Jan 2024, Day 1

NOAA Fisheries' Role in Offshore Wind Energy (OWE) Development

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Our Mission
NOAA:
Science, Service, Stewardship
NMFS:
Stewardship of the nation's living marine resources and their habitat

Management & Stock Assessments:

500 Fish Stocks & Stock Complexes

120 Marine Mammal Species

163 Threatened & Endangered Species

NMFS Role in OWE

Environmental Review & Regulatory Processes

- Marine Mammal Protection Act
- Endangered Species Act
- Magnuson-Stevens Act (Essential Fish Habitat)
- Fish and Wildlife Coordination Act
- National Environmental Policy Act
- Interagency coordination and streamlining requirements under Title 41 of Fixing America's Surface Transportation Act (FAST-41)

Science support during environmental review

Science to understand impacts

Uphold our tribal treaty trust responsibilities across our mandates

NOAA FISHERIES

Siting OWE - NCCOS spatial model

- BOEM identifies Call Areas
- BOEM identifies draft Wind Energy Areas (WEAs)
  - BOEM partnership w/ NOAA NCCOS -- spatial suitability model (Oregon, Central Atlantic, Gulf of Mexico…)
  - NMFS technical assistance:
    - Protected species
    - Habitat
    - NMFS scientific surveys
    - Fisheries --- joint with ODFW

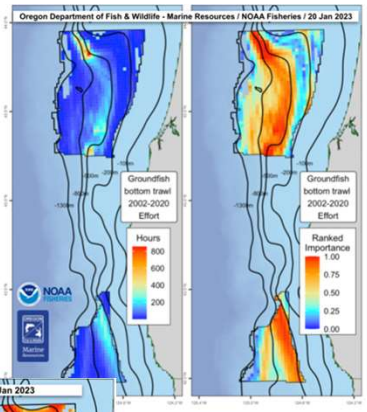
NOAA's National Centers for Coastal and Ocean Science (NCCOS) spatial model

Fisheries

Groundfish bottom trawl

Data Source:

Effort: ODFW State logbooks in PacFIN

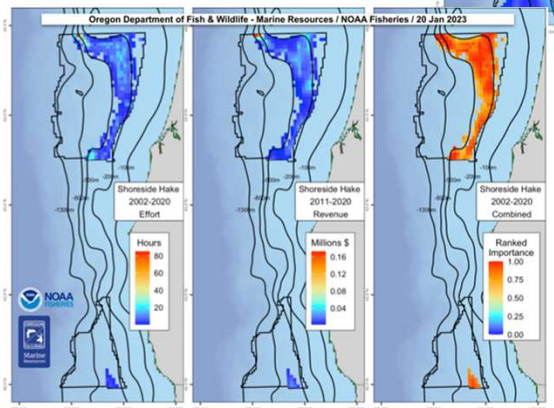


Shoreside hake mid-water trawl

Data Source:

Effort: ODFW State (2002-2010, 2020) & PacFIN logbooks (2011-2019)

Revenue: NMFS West Coast Groundfish Observer Program & ODFW Fish Tickets in PacFIN

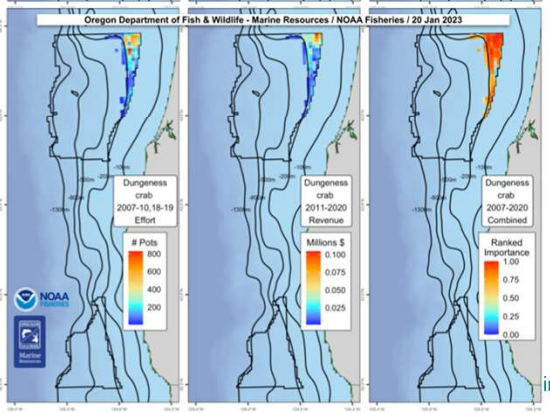


Dungeness crab

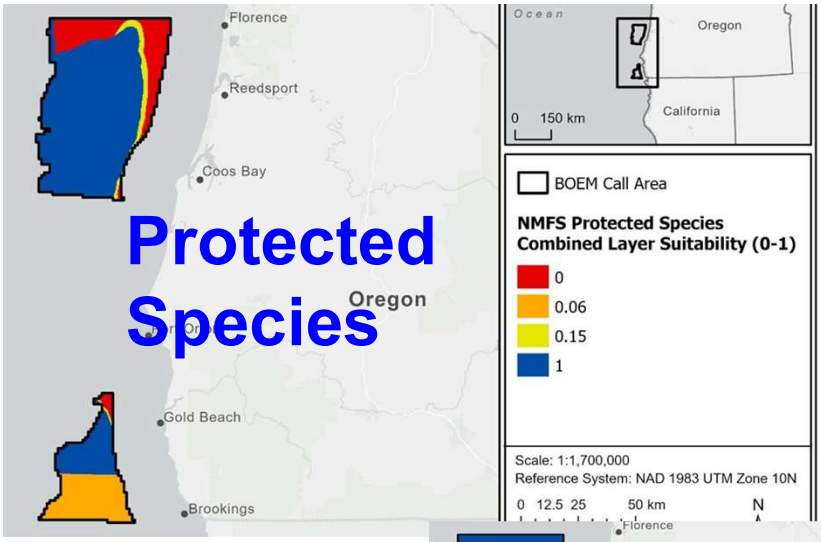
Data Source:

Effort: ODFW State logbooks

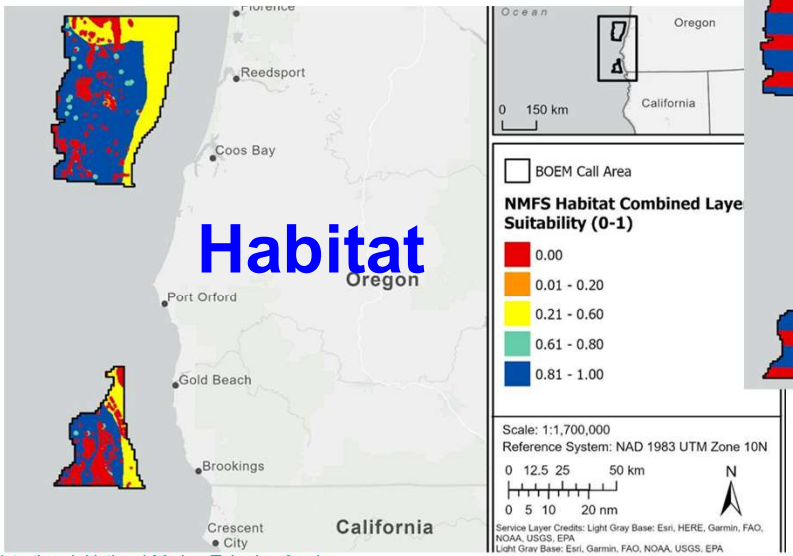
Revenue: ODFW State logbooks & ODFW Fish Tickets in PacFIN



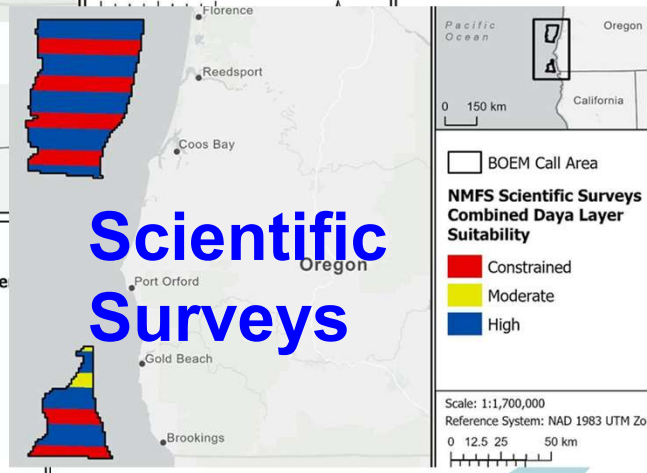
Protected Species



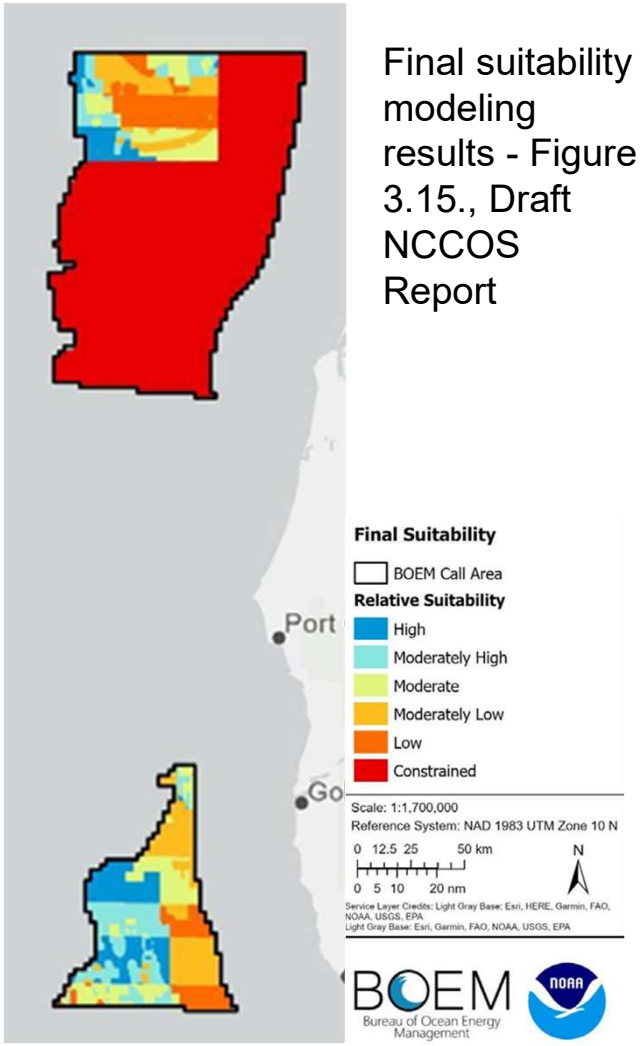
Habitat



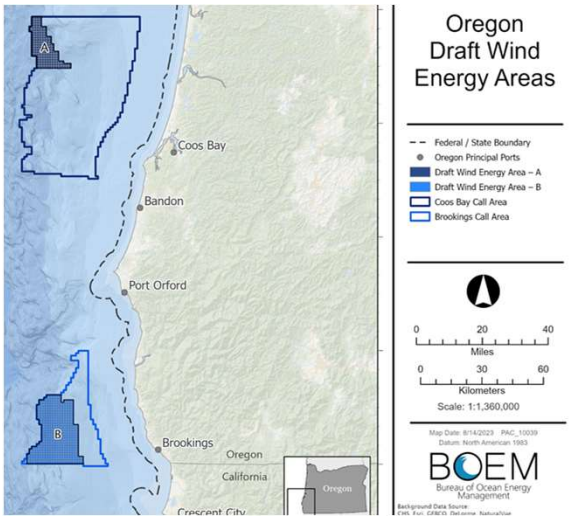
Scientific Surveys



NOAA FISHERIES



Final suitability modeling results - Figure 3.15., Draft NCCOS Report



Thank you

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