



Socio-Economic Impact of Outer Continental Shelf Wind Energy Development on Fisheries in the U.S. Atlantic

Conducted by: National Oceanic and Atmospheric Administration (NOAA) Northeast Fisheries Science Center

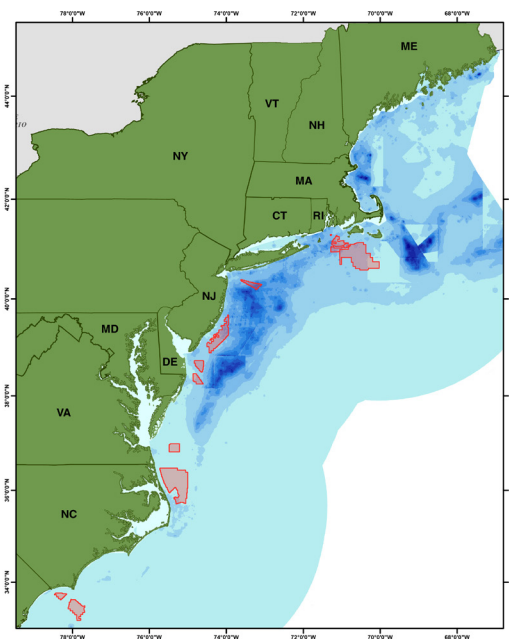
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This study characterizes commercial and recreational fishing from Maine to North Carolina and provides insight into revenue generated by federally permitted fishermen. The report details the average value of fish harvested over the six-year period between 2007 and 2012 (“exposed revenue”) and identifies the ports and fishery sectors (e.g., gear, species) supporting that activity. NOAA also developed a model to estimate the socio-economic impact of wind energy development on commercial fishermen.

FINDINGS

- The ports of New Bedford, MA; Atlantic City, NJ; Cape May, NJ; and Narragansett, RI, are the most exposed to potential impacts from wind energy development in terms of total revenue
- By total value, sea scallops are the single most exposed species at an average annual \$4.3 million in revenue sourced from the potential wind energy areas, but this value only represents one percent of the total scallop landings along the Atlantic
- The results generally indicate that commercial fisheries are expected to be minimally impacted due to availability of alternative fishing areas



Commercial fishery revenue in relation to BOEM wind energy areas. Darker blue indicates higher revenue (2007-2012) for federally permitted commercial fishers.

How BOEM will use this information:

- Identify areas of potential conflict with commercial fishing
- Determine where additional analysis may be needed

Additional information:

Final report: <https://marinecadastre.gov/espis/#/search/study/100058>

GIS raster data: www.boem.gov/Renewable-Energy-GIS-Data



Vessel conducting fisheries trawl surveys near the Block Island Wind Farm. *Courtesy of Deepwater Wind*