FishFORWRD v2.2.2 Update

November 2026

Prepared by:
Tricia Perez
Research Program Manager
Responsible Offshore Science Alliance

Table of Contents

FishFORWRD Update: November 2026 1
Project Additions and Gaps Analysis Mapping 1
New Research Needs 5
Updates to the Webtool 5
Next Steps 5
Background 6
Previous Updates 7

FishFORWRD Update: November 2026

This update integrates project submissions and corrections from FishFORWRD forms, updates from the Offshore Research Funder Coordination Working Group (ORFCOR) hosted by ROSA and the Regional Wildlife Science Collaborative (RWSC), and other ROSA coordination efforts.

> ROSA encourages submission of any missing or newly launched offshore fisheries research projects through the following link: https://forms.office.com/r/KK5wu41Z6u
>
> Corrections and updates to existing projects can be submitted through the following link: https://forms.office.com/r/JfNNMKfmA4

Project Additions and Gaps Analysis Mapping

A total of 10 research and monitoring efforts have been added in this update, with comprehensive data accessible via the FishFORWRD webtool.

Each project in FishFORWRD is mapped to one or more "Summarized Research Needs" (SRNs) it addresses. Access the complete list of SRNs here. These SRNs structure the offshore wind fisheries science space and were established through a peer review. The Gaps Analysis creates a common understanding of progress made and research still needed to understand the impacts of offshore wind on fish and fisheries on the U.S. East Coast.

As new research and monitoring projects come online, ROSA will continue to add projects to FishFORWRD and assign them to the relevant research needs to maintain an updated project database and associated Research Gaps Analysis.

The table below is a summary of new projects and the research need(s) they address. Full project information is available within FishFORWRD.

Project ID	Research Category	Project Title	Lead Entity	Funder	Summarized Research Need(s) Addressed
Ex-283	Fishing Access	Spatio-Temporal Responses of Commercial and Recreational Fishing Vessels Across Phases of Offshore Wind Development in Southern New England	University of Rhode Island	NSF Graduate Research Fellowship Program	SRN-49: Spatial and Temporal Change in Commercial and Recreational Fishing Behavior
Ex-284	Sound/Vibration Impacts	Offshore wind construction noise causes changes in fish presence and behavior 9-15 km away from construction site	Stony Brook University	Orsted	SRN-17: Effects of Offshore Wind Development Phases on Spatial Behavior; SRN-40: Characterization of Sound Pressure, Motion and Seabed Vibration; SRN-41: Effects of Offshore Wind Sound on Behavior and Physiology of Fish and Shellfish
Ex-285	Fishing Access	Expanding the Assessment of Cable Protection Mattresses Trawling Hazards	Commercial Fisheries Research Foundation	RIFFVT Coastal Community Fund	SRN-52: Fishing Interaction with Cable Protection Measures
Ex-286	Socioeconomic & Sociocultural Impact	Offshore Wind and Energy Justice in the Mid-Atlantic: coastal communities, energy transitions, and fish processor	University of Delaware	Delaware Sea Grant	SRN-3: Policy Alignment Across Ocean Sectors Relative to Offshore Wind Fisheries Science Objectives; SRN-59: Impacts on Commercial Fishermen's Occupational Structure, Labor Markets, and Workforce; SRN-63: Offshore Wind Interaction with Fisheries Infrastructure in Ports; SRN-64: Effects on Cultural Identity, Individual Well-Being, Place

					Attachment, and the Social Fabric of Fishing Communities; SRN-65: Fishing Community Environmental Justice Concerns
Project ID	**Research Category**	**Project Title**	**Lead Entity**	**Funder**	**Summarized Research Need(s) Addressed**
Ex-287	Fishing Access	Rhode Island Recreational Fishing Tool – Offshore Expansion	University of Rhode Island	Rhode Island Coastal Resources Management Council	SRN-9: Data Integration and Tool Building; SRN-49: Spatial and Temporal Change in Commercial and Recreational Fishing Behavior
Ex-288	EMF	Investigating the Impacts of Electromagnetic Interference (EMI) on Adult and Larval Sand Lance in Stellwagen Bank National Marine Sanctuary	University of Connecticut at Avery Point	MassCEC	SRN-36: Characterization of EMF Exposures for OSW; SRN-37: Characterization of EMF Effects for Fisheries Species
Ex-289	Habitat Fragmentation/ Modification	Investigating Jonah Crab Ecology and Habitat Use in Offshore Wind Areas of Southern New England	University of Rhode Island	Commercial Fisheries Research Foundation	SRN-16: Changes to Growth, Feeding, Reproduction, Recruitment, and Mortality; SRN-19: Artificial Reef Effect
Ex-290	Socioeconomic & Sociocultural Impact	Assessing Impacts of Offshore Wind Development: An Analysis of the Minimization of Economic Exposure of the Scallop Fishery Through the Regulatory Process	ECS Federal	NOAA	SRN-56: Marine Spatial Planning and Use Tradeoffs; SRN-59: Impacts on Commercial Fishermen's Occupational Structure, Labor Markets, and Workforce

Project ID	Research Category	Project Title	Lead Entity	Funder	Summarized Research Need(s) Addressed
Ex-291	EMF	Quantifying the vulnerability of smooth dogfish and winter skate to electromagnetic fields from offshore wind transmission cables in the mid-Atlantic shelf	Montclair State University	Undetermined	SRN-37: Characterization of EMF Effects for Fisheries Species
Ex-292	Fisheries Engagement & Capacity Building	Building Lasting Pathways for Offshore Wind Fisheries Science in Massachusetts	ROSA	MassCEC	SRN-45: Strategies, Resources, and Mechanisms for Building Capacity Across Sectors

New Research Needs

No new research needs in this update.

Updates to the Webtool

Literature Review was added as an option for the “Methodology” attribute.

Background

The Responsible Offshore Science Alliance (ROSA) in conjunction with WSP USA, Inc. (WSP) has developed the ROSA Fish and Fisheries OffshoRe Wind Research Database (FishFORWRD) to provide a platform for interested stakeholders to view and learn of new and existing funded research projects and stated research needs in the offshore wind fisheries space on the U.S. east coast. FishFORWRD catalogs all research, monitoring efforts, and stated research needs for offshore wind, fish, and fisheries. This database differentiates ongoing projects funded to examine offshore wind interactions from other programs that provide valuable data, but which haven't necessarily been designed to assess

offshore wind impacts. The objective of FishFORWRD is to increase awareness of ongoing work, avoid duplication of efforts, and create a common understanding of research needs. This tool is meant for research funders, fisheries and offshore wind researchers, offshore wind developers, and the public.

FishFORWRD was first released on ROSA's website in 2022 as an excel sheet complete with tables of ongoing research and research needs, as well as a pivot table to provide a gaps analysis of which research needs were currently being addressed by funded projects and which research needs still remained. The associated report outlines how to use this first version of the databases and how the database was created. In an effort to make this information more accessible, ROSA and WSP have continued their partnership to 1. update the database with new research projects and research needs announced since 2022; 2. create an interactive webtool to view, filter, and download information held within FishFORWRD.

Through mining of relevant sources, effective communication with the inaugural ROSA Offshore Wind Fisheries Funder Coordination Meeting held in May 2024, and one-on-one meetings held with each offshore wind developer, FishFORWRD v2.1.0 was released featuring an updated list of funded research projects, each fisheries monitoring survey being conducted for each developers implemented Fisheries Monitoring Plan, and each relevant research need from 17 different published documents by federal agencies, states agencies, and public-private partnerships. Research projects are included within FishFORWRD if they are conducted within the U.S. East Coast and funded to investigate effects of offshore wind on fish and fisheries. FishFORWRD v2.1.0 shared this information on an interactive webtool that allows for filtering projects and research needs by location, receptor, methodology, funder, and more. Lastly, the webtool provides submission forms for new projects, new research needs, and any requested corrections.

In March 2026, ROSA finalized the Fish and Fisheries Offshore Wind Research Gaps Analysis and released a final report. Through a structured peer review process, a set of 70 summarized research needs (SRNs) were identified that structure the offshore wind fisheries research landscape. Each research and monitoring project in FishFORWRD was evaluated and mapped to one or more SRNs they address, enabling an assessment of whether each of the 70 summarized research needs are currently being explored by one or

more projects or remain unaddressed. The full set of summarized research needs can be found here.

As new research and monitoring projects come online, ROSA will continue to add projects to FishFORWRD and assign them to the relevant research needs to maintain an updated Gaps Analysis.

Previous Updates

Responsible Offshore Science Alliance (ROSA). (2024). Fish and Fisheries OffshoRe Wind Research Database (FishFORWRD) (2.1.0). Zenodo. https://doi.org/10.5281/zenodo.17407181.

Responsible Offshore Science Alliance (ROSA). (2025). Fish and Fisheries OffshoRe Wind Research Database (FishFORWRD) (2.1.1). Zenodo. https://doi.org/10.5281/zenodo.17407483.

Responsible Offshore Science Alliance (ROSA). (2025). Fish and Fisheries OffshoRe Wind Research Database (FishFORWRD) (2.2.0). Zenodo. https://doi.org/10.5281/zenodo.17442098.

Responsible Offshore Science Alliance (ROSA). (2026). Fish and Fisheries OffshoRe Wind Research Database (FishFORWRD) (2.2.1). Zenodo. https://doi.org/10.5281/zenodo.20313631