



ROSA

Responsible Offshore
Science Alliance

ROSA Advisory Council Meeting June 12th, 2023

Agenda

COOPERATION
COLLABORATION
SCIENCE BASED
DATA DRIVEN

1:00pm Welcome, Introductions, Agenda Review

1:10pm Overview of Current Status of Offshore Wind & Fisheries

Work - *Reneé Reilly, ROSA and Advisory Council Members*

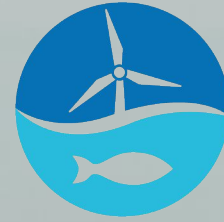
1:40pm Future ROSA direction - *Reneé Reilly and Mike Pol, ROSA*

2:00pm Current ROSA status updates - *Mike Pol, ROSA*

2:20pm Research Procurement - *Reneé Reilly, ROSA and panel*

3:20pm Closing Remarks and Meeting Updates

3:30pm Adjourn



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Overview of Current Status of Offshore Wind & Fisheries Work



Overview of Current Status of Offshore Wind & Fisheries Work



Bureau of Ocean Energy
Management

Gulf of Maine Update

- **Gulf of Maine Planning – Research Lease**

- Request for Competitive Interest – Gulf of Maine Research Lease (Aug. 19 – Oct. 8, 2022)
- Determination of No Competitive Interest published on March 20, 2023
- <https://www.boem.gov/renewable-energy/maine/state-activities/gulf-maine/state-maine-research-lease-application>
- Notice of Intent to Prepare an EA published on May 4, comment period closed on June 5.
- Point of Contact: Luke Feinberg, Renewable Energy Program Specialist | Lucas.Feinberg@boem.gov

- **Gulf of Maine Planning – Commercial Lease**

- Request for Interest – Gulf of Maine Research Lease (Aug. 19 – Oct. 8, 2022)
- In person public meetings held Jan. 17-19, 2023. Six additional industry focused virtual meetings.
- Published call for information and nominations on Apr. 26, comment period closes June 12 (TODAY)
- Comment on regs.gov, search for BOEM-2023-0025
- <https://www.boem.gov/renewable-energy/state-activities/maine/gulf-maine>
- Point of Contact: Zach Jylkka, Renewable Energy Program Specialist | Zachary.jylkka@boem.gov



Overview of Current Status of Offshore Wind & Fisheries Work



NOAA
FISHERIES

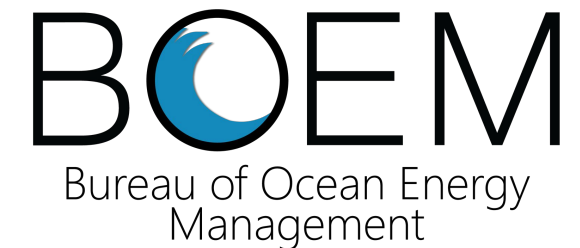
Overview of
Current Status of
Offshore Wind &
Fisheries Work

Compensatory Mitigation



Fisheries and Offshore Wind: Synthesis of the Science I & II

- Final report available at:
 - www.rodafisheries.org
 - <https://repository.library.noaa.gov/view/noaa/49151>
- Topics covered ranged from physical habitat to fisheries management
- Next up: floating turbine technology
 - Workshop expected late in 2023





ROSA Mission

The Responsible Offshore Science Alliance (ROSA) advances research, monitoring, and methods on the effects of offshore wind energy development on fisheries across US federal and state waters.

Coordinating OSW Fisheries Monitoring

A photograph of an offshore wind turbine with three white blades and a yellow base, situated in the ocean. A small fishing boat is visible in the foreground, and another smaller boat is near the turbine's base. The sky is blue with light clouds.

Offshore Wind Project
Monitoring Framework
and Guidelines

March 2021

Updates to Monitoring Framework & Guidelines

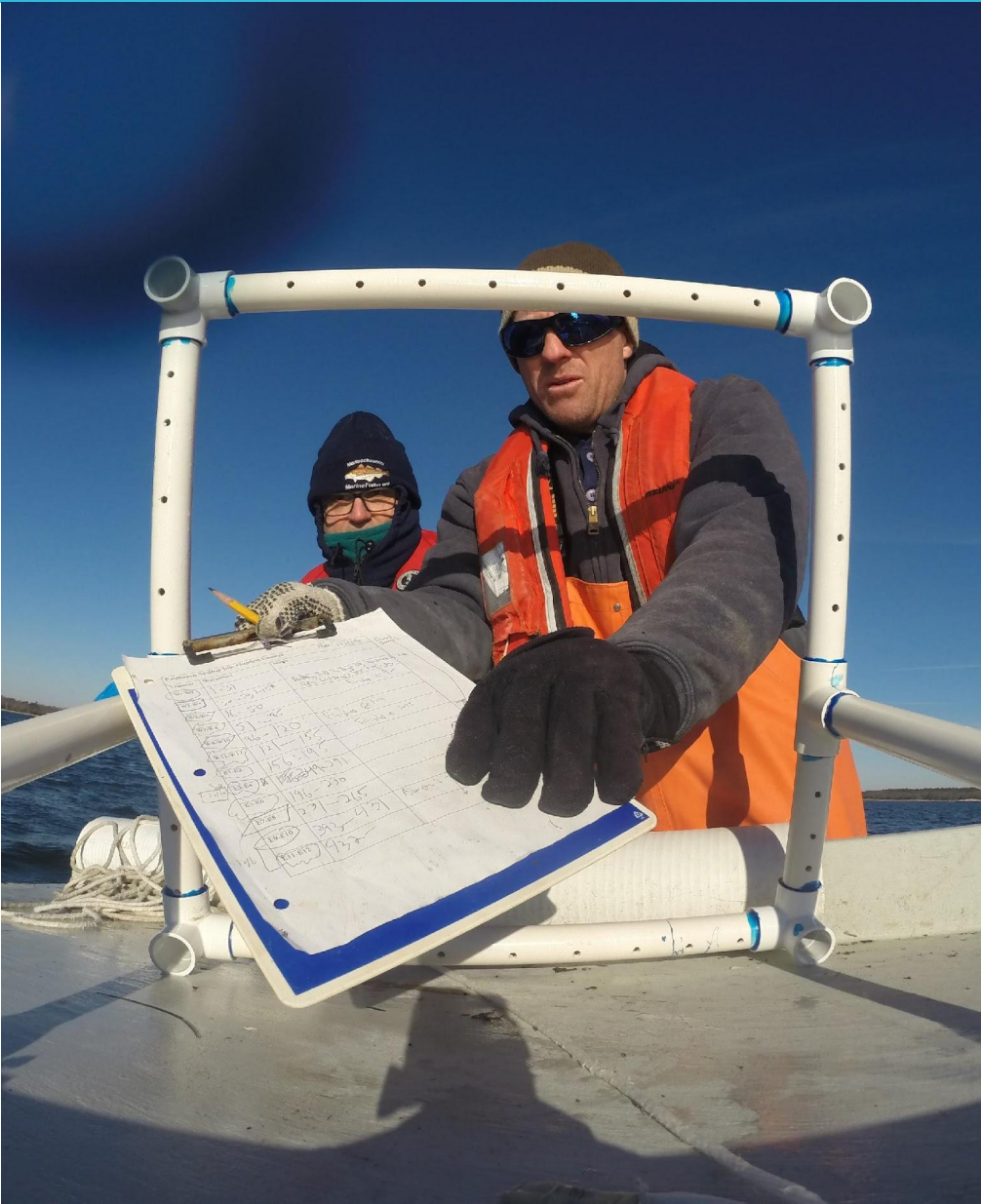
Coordinating OSW Fisheries Monitoring



Photo courtesy Stony Brook University

- ROSA to provide neutral forum for OSW developers to share monitoring plans at different stages
- Fishing industry involvement/cooperative research approach
 - Development
 - Implementation

Facilitating OSW Fisheries Research & Monitoring



- Determining regional impacts is a primary ROSA objective
- Meeting with VW and NJ DEP and others about combined regional survey design
- Solves many issues: Efficiencies, standardization, less risk to PS
- Lease by lease vs region-wide
- AFS Presentation in August on this topic

Current ROSA Status Updates



Fish FORWRD and Webtool Development

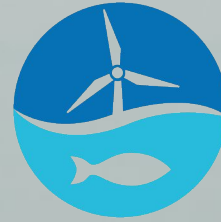


- Fish FORWRD is ROSA's database of ongoing OSW/Fisheries research, regional priority and gaps
- Currently an Excel spreadsheet and not easy to use
- Vital tool for identifying research gaps for RFP development
- Support offer from contractor WSP to develop web tool using their own funds
- Also seeking & obtaining other funding
- Dashboard-type interface under development

Floating Wind Co-Design Project



- ROSA on team led by NREL, along with UMaine
- Funded by NOWRDC (ROSA ~\$122K)
- Idea is to bring engineers designing FOSW and fishermen together to find designs that encourage co-existence
- UMaine will lead on fixed-gear fishermen in the Gulf of Maine
- ROSA will lead in Central Atlantic, working with Willy Goldsmith representing the rec community and Dewey Hemilright representing pelagic longliners
- Designs will then be shared more broadly to ROSA AC experts
- Hoping to start this month (June)
- Two-year project



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Research
Procurement
Discussion



Research Procurement Discussion

- Pending New Role for ROSA
- Advice to ROSA to help inform developing approach: Lessons learned
- Opportunity for Advisory Council oral & written comments
- Introduction of partners in discussion

Commercial Fisheries Research Foundation



- Fred Mattera
- CFRF awarded funds in early 2000s
- Very specific priorities developed with a scoping group
- Addressed specific areas and site-specific fisheries
- Also developed regional priorities

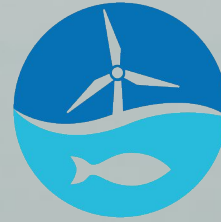
Research Procurement Discussion



Key Questions

1. Where to draw the line in specificity for RFPs?
2. How to distribute RFPs to reach a broader audience?
3. What are performance metrics that should be considered when evaluating applicants?

Closing Remarks and Meeting Updates



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Regional Items of Interest



- RWSC Protected Species Subcommittee
- MAFMC and NEFMC meetings
- Draft Practices for Regional Offshore Wind-Wildlife Research (Survey closes 6/14/23)
- Northeast U.S. Continental Shelf Ecosystem: Perspectives from Scientists at the National Marine Fisheries Service

Upcoming Meetings



- *Offshore Wind, Fish, and Fisheries – Emerging Knowledge and Applications* – Symposium at AFS Annual Meeting, Grand Rapids, MI - Aug. 24th
- *Theme Session: Ecosystem science needed to support a new era of offshore marine renewable energy* - ICES Annual Science Conference – Bilbao, Spain – Sept. 11-14th
- *Offshore WINDPOWER* – Boston, Oct. 3-4th
- *Pathways for a Sustainable Co-existence of Offshore Energy, Fisheries and Marine Conservation: From Local Empirical Evidence to Global Perspectives* – Symposium at 9th World Fisheries Congress, Seattle, March 3rd-9th, 2024 – **Call for Abstracts**

Other Updates

- **Next Quarterly meeting:**
 - Summer 2023
 - Focus TBD
- Please reach out with topics of interest for meetings or sector-specific calls (mike@rosascience.org)