

Fisheries Characterization within the Coastal Virginia Offshore Wind (CVOW) Development Site

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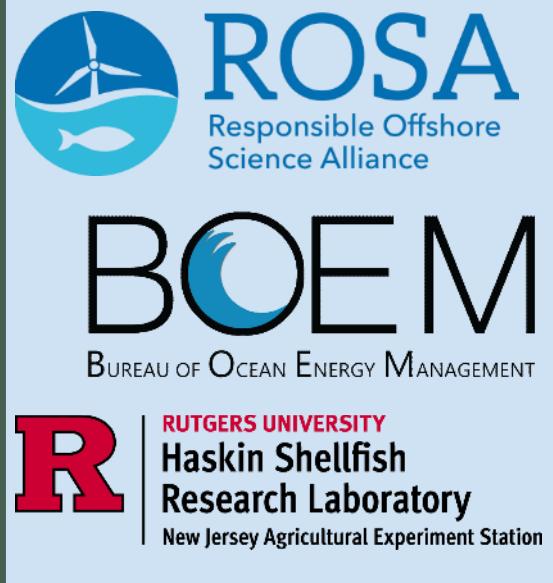
VIMS



Coastal Virginia
Offshore Wind



VIMS Plan of Attack



Learn from Experienced Partners

Connect with Knowledgeable
Fishermen to inform the survey
design for both the Black Sea
Bass and Whelk



Dominion Energy

Develop a Sampling Framework
to Support Early Construction
Data Collection

Survey Target Species



Black Sea Bass (*Centropristes striata*)

- ❖ Active Commercial and Recreational fishery
- ❖ Current status: Stocks are not overfished and not subject to overfishing



iNaturalist

Whelk (*Busycon canaliculatus* and *Busycon carica*)

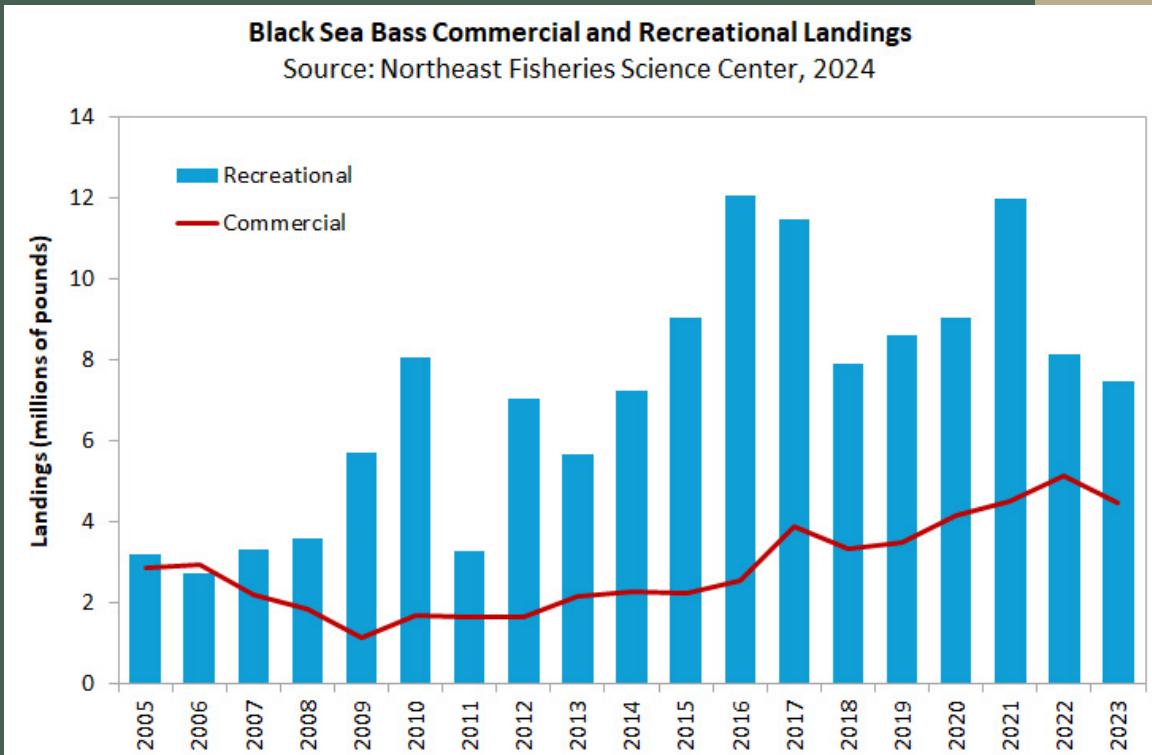
- ❖ Channeled and Knobbed whelk supports a robust commercial fishery
- ❖ Limited understanding of stock structure, status, and dynamics



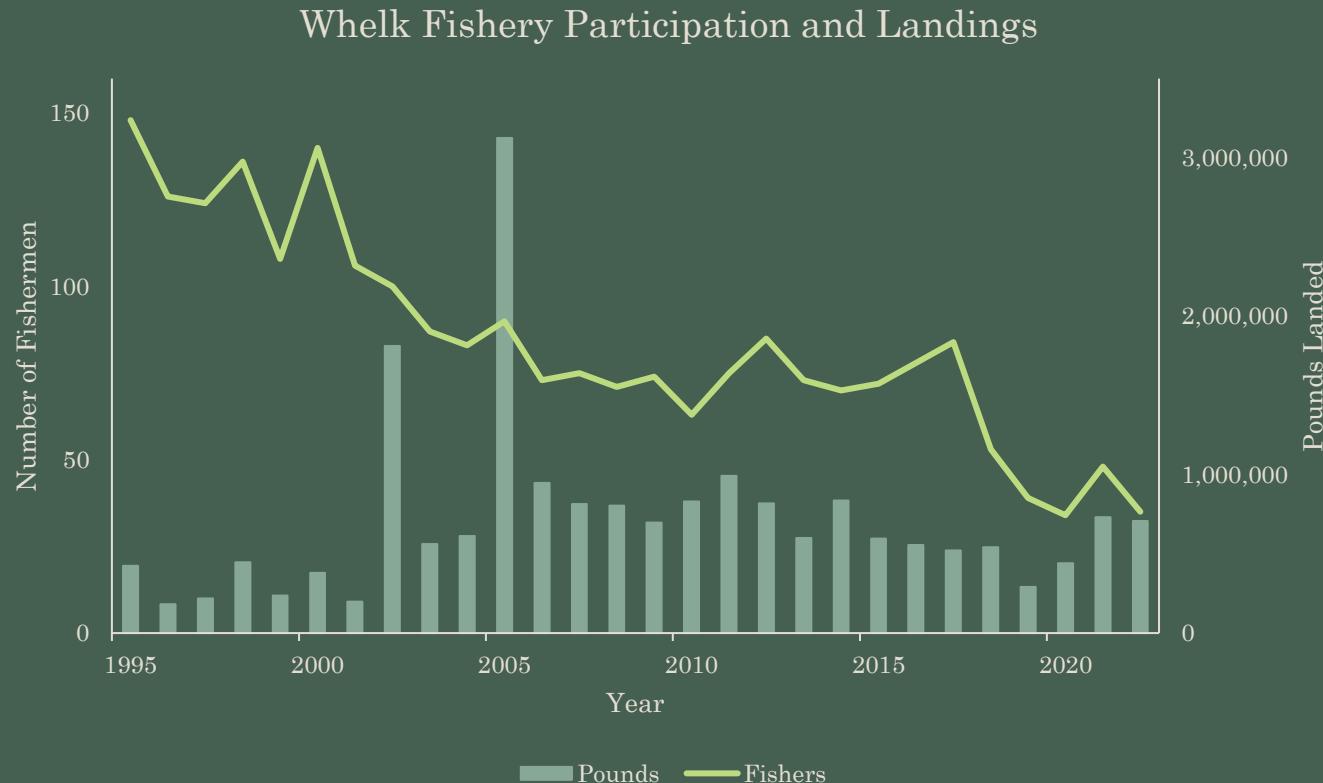
Terrie Simmons-Ehrhardt

Fisheries Background - Black Sea Bass

- ❖ In 2023, Virginia's commercial landings were 681,703 pounds valued at ~\$1.7 million
- ❖ Recreational landings totaled ~1 million pounds

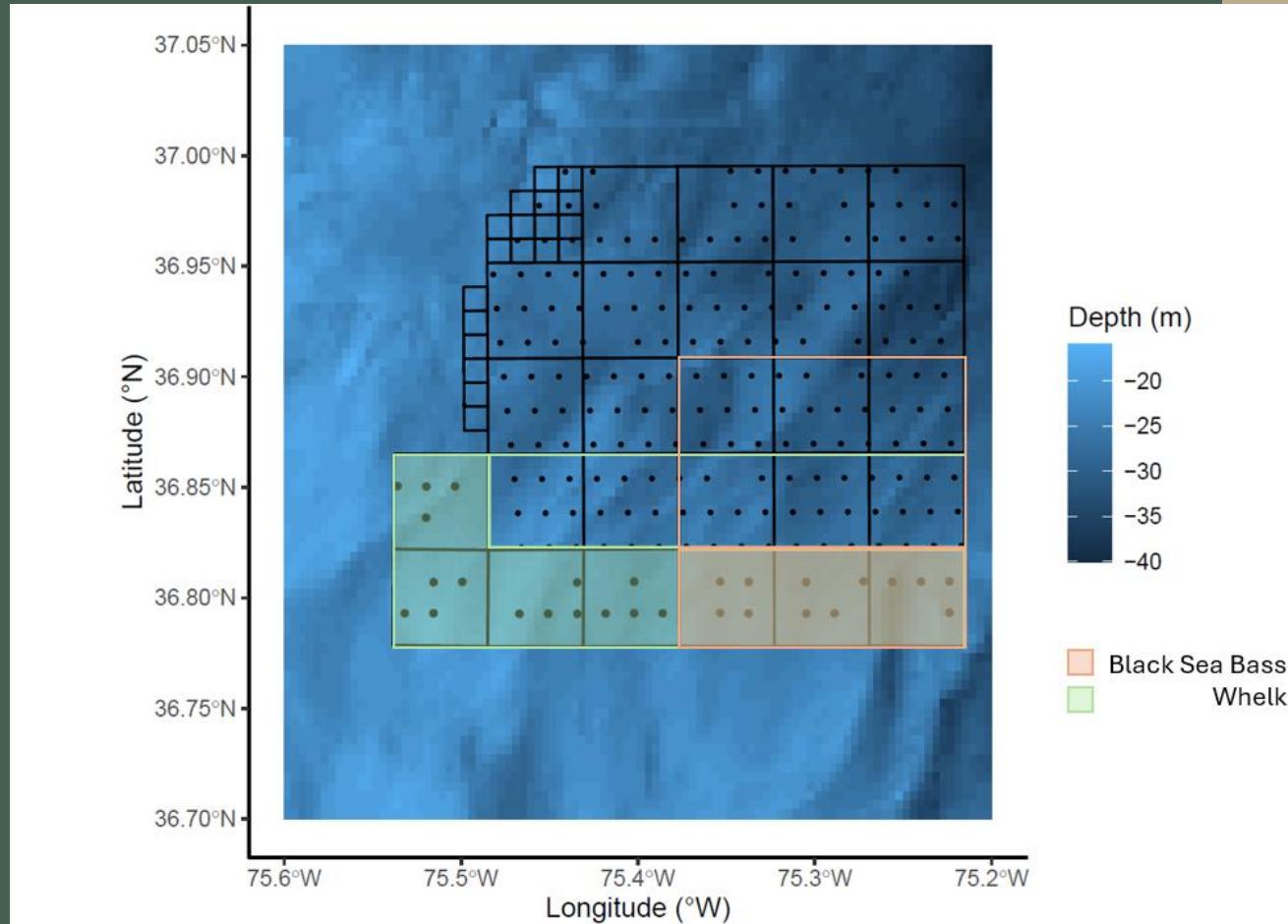


Fisheries Background - Whelk



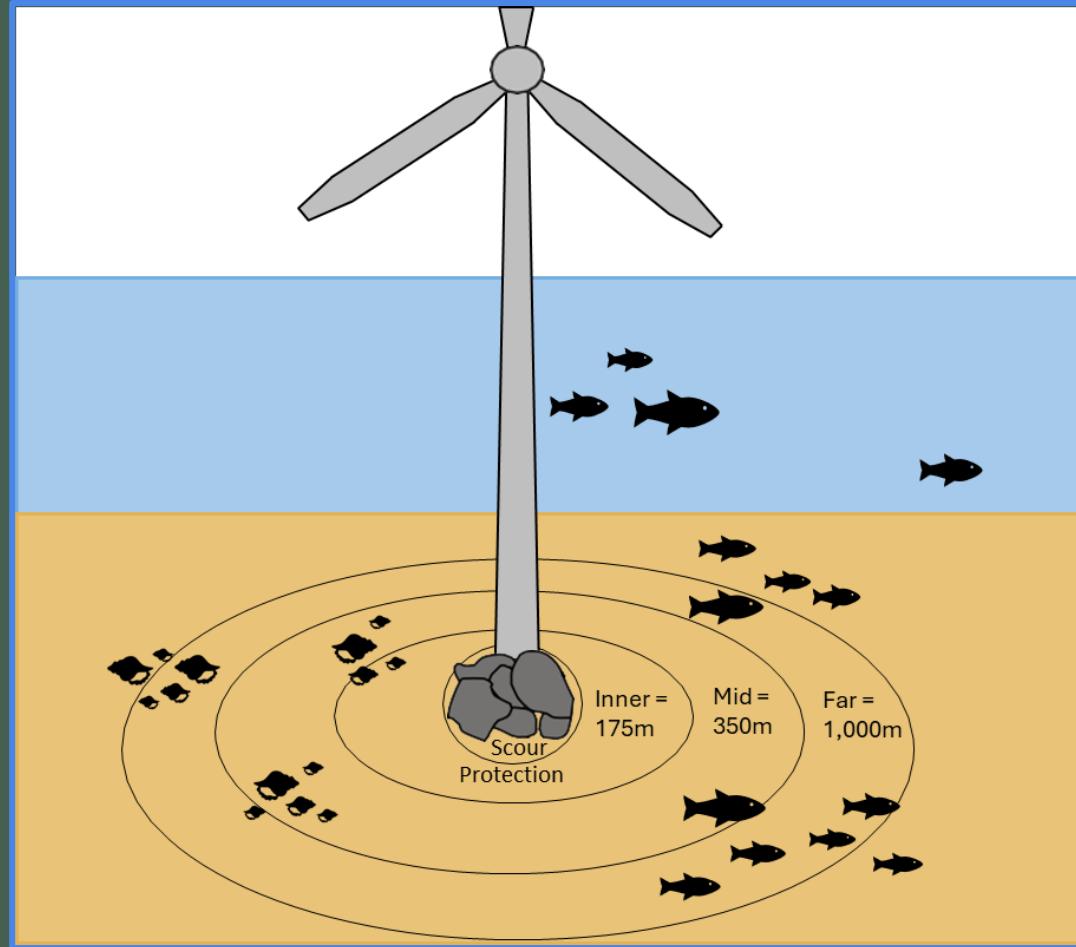
Survey Area and Sampling Design

CVOW Lease
with Highlighted
Fisheries
Sampling Areas

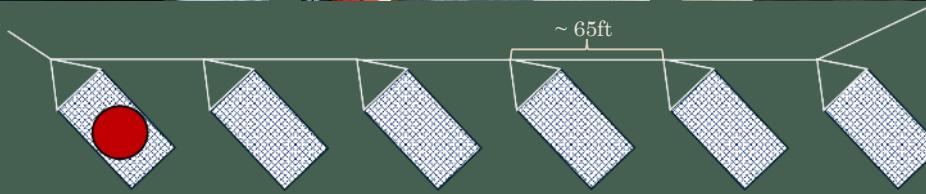


Survey Area and Sampling Design

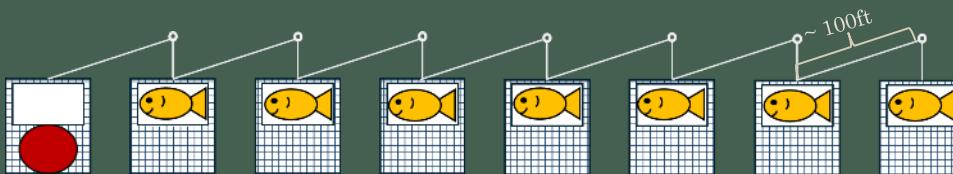
Before After Gradient
(BAG) sampling
method



Survey Methods



Survey Methods



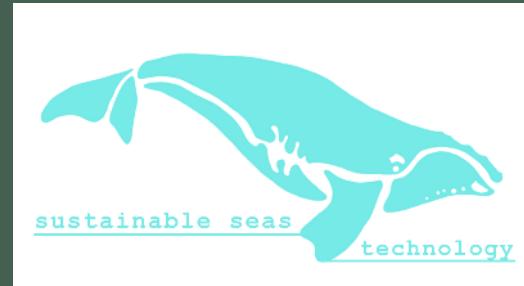
Total Catch



Acknowledgments



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