

March 26, 2026

**Attendees n= 15**

Add your name and affiliation/community to the table. Add more lines as needed.

Your name	Your affiliation / community	Do you attend the Ocean Science Meeting in February? If so, was there anything that stood out?
Jody Peters	Ecological Forecasting Initiative	I didn't attend.
Nick Record	Bigelow Lab	Didn't attend
Caroline Owens	NOAA National Centers for Coastal Ocean Science	No :( but heard it was nice to visit Glasgow
Abby Lewis	Smithsonian Environmental Research Center	Nope
Hunter Milles	San Diego State University	Yes! Many fun talks on AI, digital twins,
Jennifer Paige	UC Davis	No :(
Josh Cullen	UC Santa Cruz	
Kai Frazer	University of New Hampshire	Nope!
Drew Villeneuve	University of New Hampshire	I wish...
Kyle Capistrant-Fossa	VIMS	Nope
Christian John	UCSB -> MTU, Moorea Coral Reef LTER	Nope :(
Cameron Thompson	NERACOOS	Yes! Marine Carbon Dioxide Removal had a big footprint - forecasting/modeling concerns.
Alex Barth	Texas water development board (state gov)	No
Regrets from Elva Escobar, who is unable to attend the March call		I attended the OSM briefly (Monday and Tuesday) where a large number of presentations on those two days addressed the impacts of climate change (warming, heat pools, acidification,

		<p>deoxygenation) on coral reefs, open ocean, mesophotic and mesopelagic systems and Carbon flux and stocks budgets and the AMOC and participated in a workshop from Friday and Saturday on <i>Assessing Cumulative Impacts on Deep-sea Communities</i> and where we discussed the need of forecasting tools. In my limited point of view from what I attended is that forecasting tools are needed at different scales and for different purposes in different regions, however not all presentations seem to have the skills and very few presented metrics.</p>
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### March 26 Agenda:

1. Metrics of success and [CMEF Terms of Reference](#)
  - a. Goal is to develop a table of objectives
  - b. Nima will send out invitations for a separate call about metrics of success
  - c. Develop a figure/table
  
2. Brainstorming ideas about Projects - breakouts and debrief
  - a. [Regional ocean forecasts and downscaling](#)
    - i. Get idea of what regional means, what organism
    - ii. How can forecasts address applications
    - iii. Compare regional forecasts with global forecasts and across life histories
  - b. [Addressing non-stationarity in environmental drivers](#)
    - i. Wanting to look toward the terrestrial examples
    - ii. Considered using simulated data sets for hackathons
  - c. [Forecasting to manage invasive species](#)
    - i. Only two participants this time, so they joined other groups
  - d. [Role of AI in forecasting species distributions and communities](#)
    - i. Want to organize an AI Coastal Marine Ecological Forecasting Hackathon (hands-on) Hassan is willing to co-design this.
  
3. Kyle Oliveira's defense is tomorrow! Mar 27 at 1pm ET. Zoom link: <https://bigelow.zoom.us/j/2073152240>



**Bigelow**  
LABORATORY

Tandy Center for  
Ocean Forecasting



Defense Announcement for

## **Kyle Shehata Oliveira**

*In Partial Fulfillment of the Requirements for the Degree of Ph.D. in Marine Biology*

# **Exploring a developing detection method and habitat suitability for the white shark, *Carcharodon carcharias*, in the Gulf of Maine**

Friday, March 27<sup>th</sup> at 1:00 PM EDT

In Person:

Burgess Forum

Bigelow Laboratory for Ocean Sciences  
60 Bigelow Drive, East Boothbay, ME

Online:

<https://bigelow.zoom.us/j/2073152240>

Advisory Committee:

Dr. Nicholas Record, Dr. Damian Brady

Dr. Kristina Cammen, Dr. Douglas Rasher, Dr. Megan Winton