



## NCEAS MONTHLY ROUNDTABLE

Thursday, January 11, 2024 @3:30 pm

In Person on the 3rd Floor Lounge + [Zoom](#)

Followed by NCEAS Hppy Hour and mixer at the Brewhouse



### **GEI-Wind Project:**

### **Syntheses, lessons, and future work**

The upcoming development of extensive offshore wind (OSW) energy presents the next major human intervention on marine ecosystems. OSW offers a myriad of benefits—including energy security, decarbonized energy production, and workforce development. It may also bring diverse and potentially complex social, economic, and ecological impacts. The NCEAS Gulf Ecosystem Initiative (GEI-Wind) has initiated synthesis science efforts to evaluate the potential impacts of OSW development on the region’s fish and fisheries. Our working group gathers diverse perspectives from a carefully selected group of scientists, managers, and stakeholders ([participant list](#)). This week, the GEI-Wind Working Group convened our first meeting. We close our meeting with this Roundtable and a series of flash talks to present key lessons learned and discuss upcoming work. These will cover the following topics:

1. Introduction to this NCEAS GEI-Wind project
2. Introduction to the closely related NOAA IEA-Wind project
3. Developing fuzzy-logic cognitive maps for social-ecological impacts of OSW development on GOM fisheries
4. Research questions and science priorities for Gulf of Mexico OSW development
5. Meta-analysis of the impacts of large artificial structures on marine communities: implications for OSW and potential changes in production
6. Data resources: what’s available and what’s needed
7. Ecosystem modeling to simulate fisheries impacts of GOM OSW development
8. Wrap-up and next steps

Our seminar concludes with a discussion to elicit internal and external feedback, and will be followed by a mixer at The Brewhouse, 229 W Montecito St. We invite you to hear about our project and contribute to its direction.

#### **Speakers:**

[Holden Harris](#), Assistant Scientist, NOAA SE Fisheries Science Center (SEFSC) / UM CIMAS  
[Willem Klajbor](#), Senior Research Associate, NOAA SEFSC / UM CIMAS; GOM IEA-Wind Lead  
[Skyler Sagarese](#), Research Ecologist, NOAA SEFSC  
[David Chagaris](#), Research Assistant Professor, University of Florida; GoM SSC member  
[Shayna Sura](#), Postdoctoral Research Fellow, NCEAS UC Santa Barbara  
[Raymond Czaja](#), Postdoctoral Research Fellow, NCEAS UC Santa Barbara

Questions, comments, or concerns?

Contact: [roundtable-org@nceas.ucsb.edu](mailto:roundtable-org@nceas.ucsb.edu)