



THE UNIVERSITY OF  
**SOUTHERN  
MISSISSIPPI**

## School of Ocean Science & Engineering MARINE SCIENCE SEMINAR

Bldg 1022, Rm. 101 Stennis Space Center, Mississippi

# Spring 2025 Seminar Series

## Mondays | 1–2pm CT | Hybrid Format

### FEBURARY

- 10 Seok-Bong Lee | Naval Research Lab**  
Investigating Small-Scale Bedform Dynamics and Their Contribution to Large-Scale Coastal Morphological Changes
- 17 Daniel Ariztegui (virtual) | University of Geneva**  
Distinctive biotic and abiotic signatures in modern lacustrine carbonates and their application to the Earth and Planetary fossil record
- 24 Mead Allison | Tulane University**  
How is the Mississippi River Delta's Future Linked to that of New Orleans?

### MARCH

- 10 John Warner | USGS**  
Barrier island breaching processes: comparison of bay-side to ocean-side controls
- 17 Paul Mickel, Jerry Wiggert | NCEI, USM**  
The Impact of Interannual Trends in Riverine Inputs on the Hydrodynamics and Shellfisheries of Mississippi Sound
- 24 Songjie He | USM**  
TBD
- 31 Azadeh Razavi Arab | USM**  
Accurate Prediction, Complex Dynamics: The Challenge of Wind and Wave Modeling in the Gulf of Mexico/Gulf of America

### APRIL

- 7 Ben Phrampus | Naval Research Lab**  
Why the Navy cares about Geology: Geospatial Machine Learning in the era of Big Data

Physical and virtual options are available! Details are subject to change.  
Check [Here](#) for latest. For questions contact: [Chelsea.pederson@usm.edu](mailto:Chelsea.pederson@usm.edu)