2025-2026 EOAS Colloquium Series

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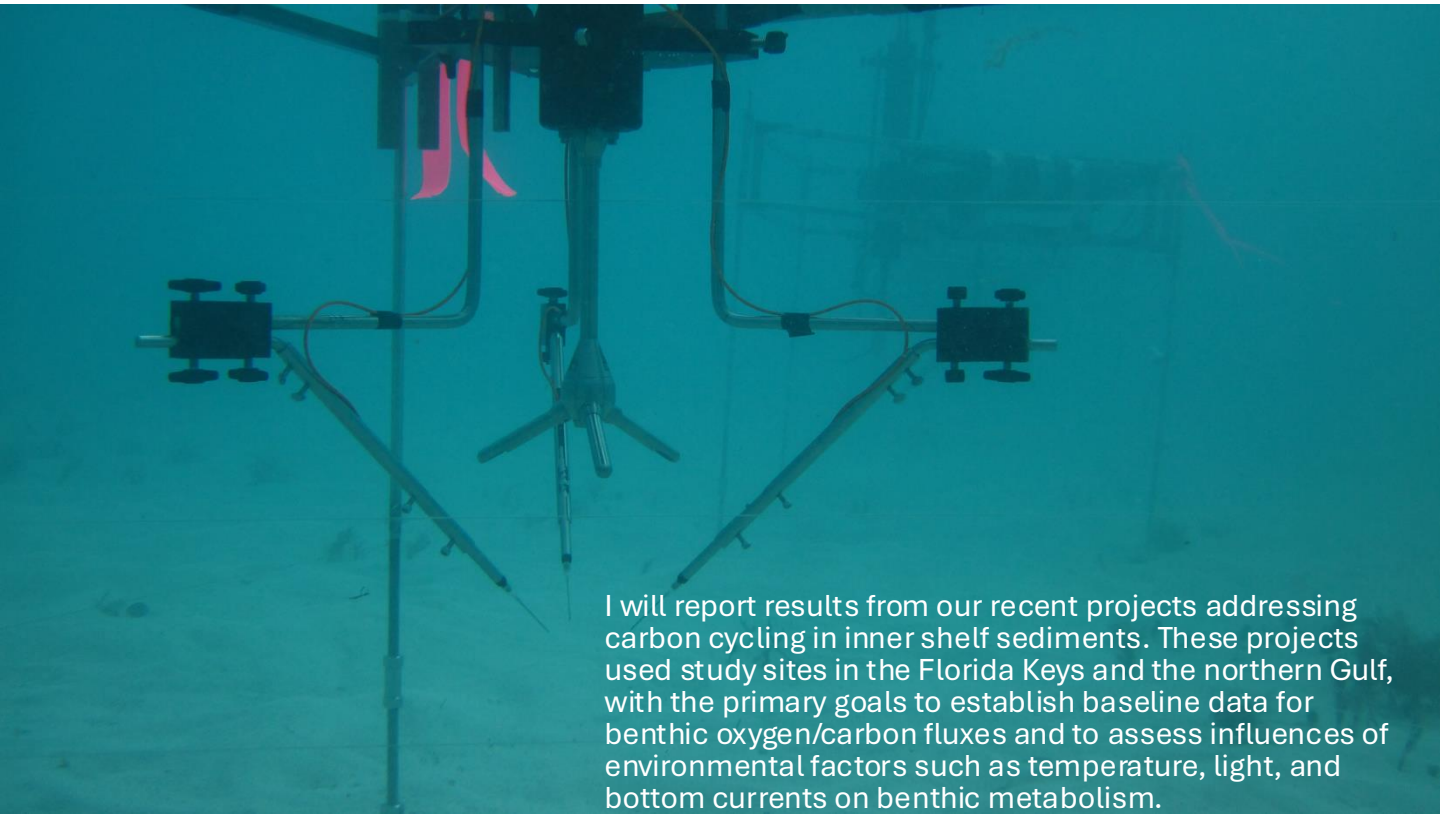

I will report results from our recent projects addressing carbon cycling in inner shelf sediments. These projects used study sites in the Florida Keys and the northern Gulf, with the primary goals to establish baseline data for benthic oxygen/carbon fluxes and to assess influences of environmental factors such as temperature, light, and bottom currents on benthic metabolism.
This required the development of new instruments. The good news is that these instruments now allow new insights into the biogeochemical dynamics of the sedimentary environment. The other news is that our studies led to the conclusion that we presently have a relatively poor understanding of the benthic metabolism in some of the most active sediments within the carbon cycle of our planet.

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Time: 3:00 PM, Friday, September 12, 2025

Location: EOA 1044

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