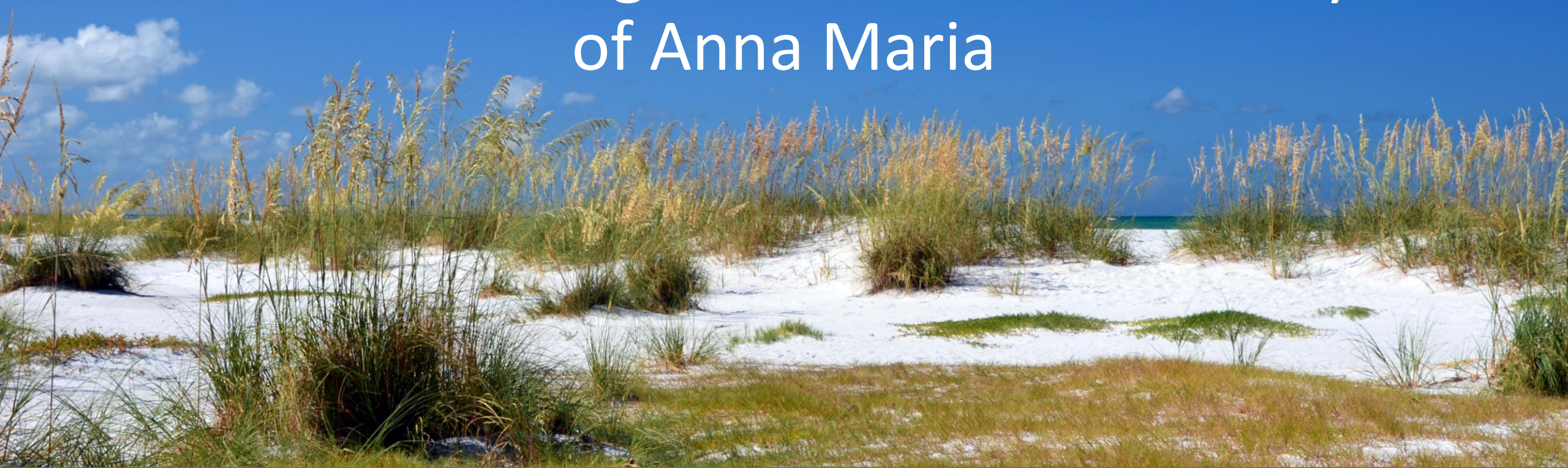


Bivalve & Seagrass Restoration for City of Anna Maria



Stephen Hesterberg, M.S.

Executive Director

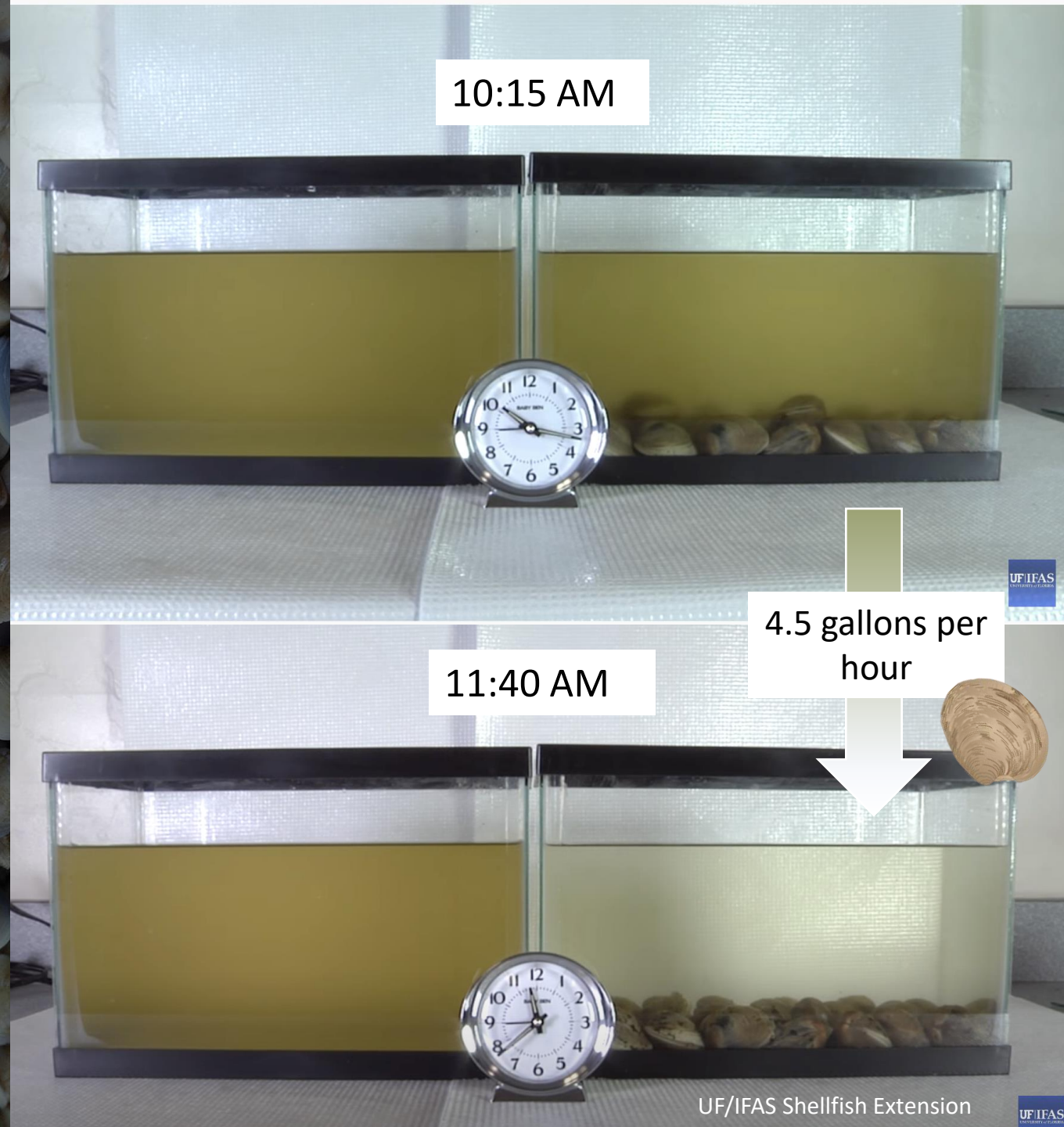


GULF SHELLFISH INSTITUTE

Research for Sustainable Aquaculture & Healthy Ecosystems

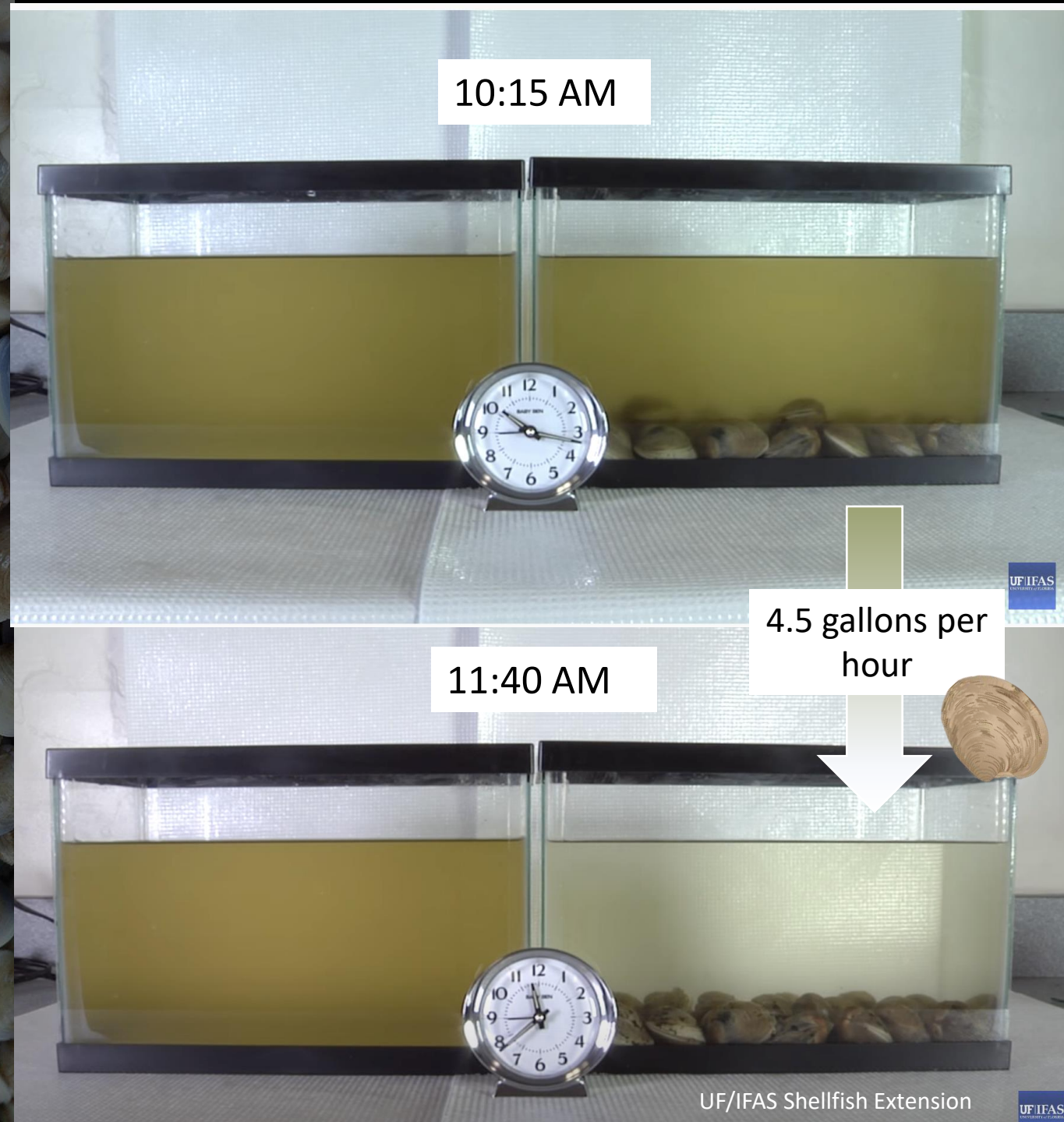
Why Bivalves?

- Clean our water
- Support healthy marine ecosystems
- Culturally ingrained in coastal communities



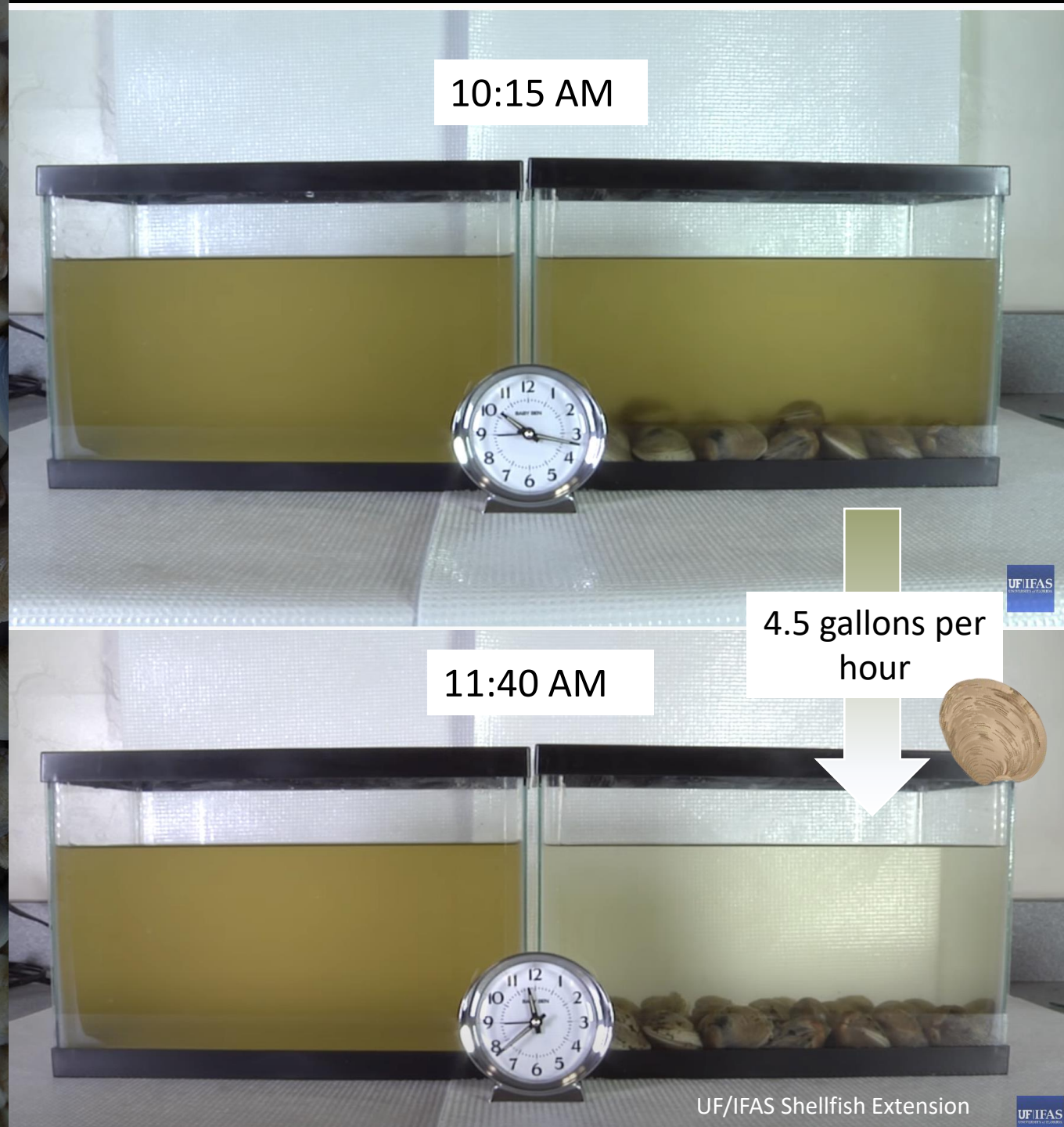
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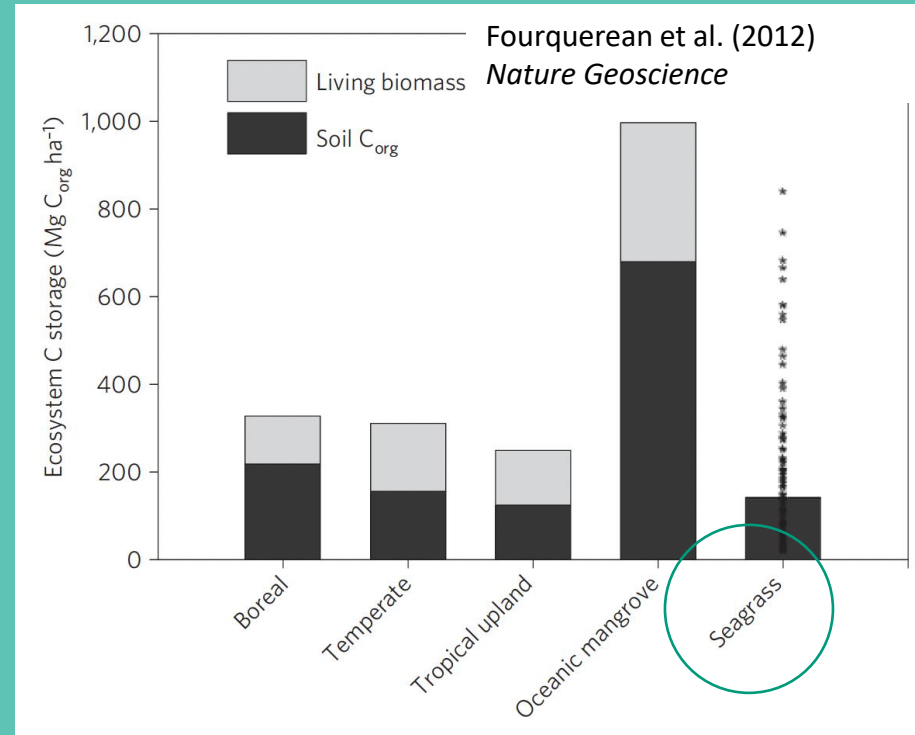
- Serve as marine foundation species
- Support commercial and recreational fisheries
- Sequesters carbon, counteracting global warming



Tampa Bay 10 News

Credit: Captain Tyler Kapela

Captain Tyler Kapela of Hit and Run Charters catches a 211 pound Tarpon near Anna Maria Island on Thursday, May 13, 2021.



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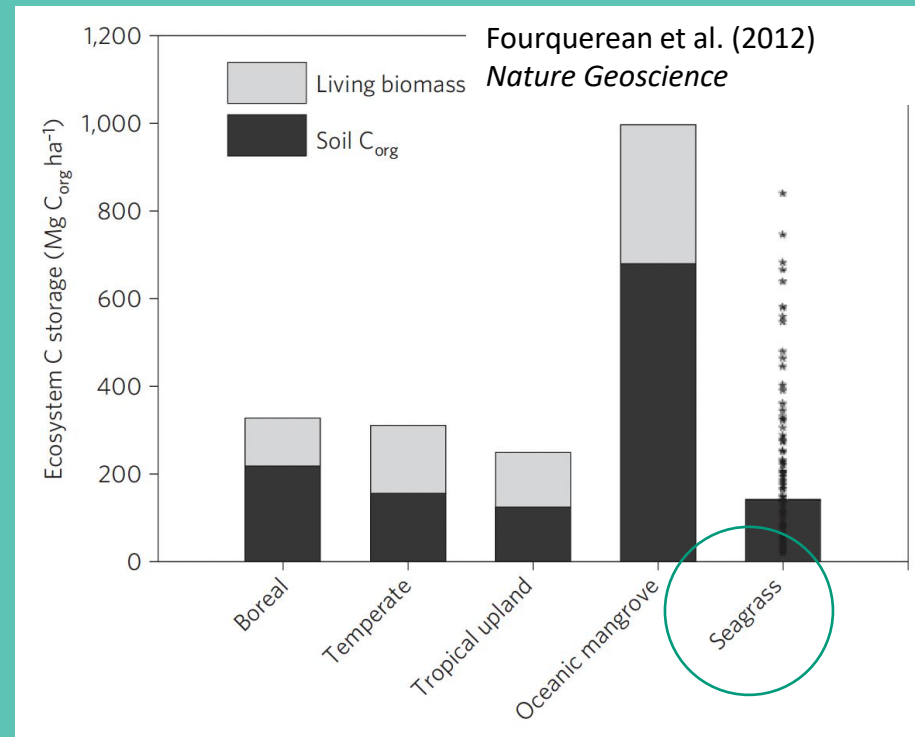
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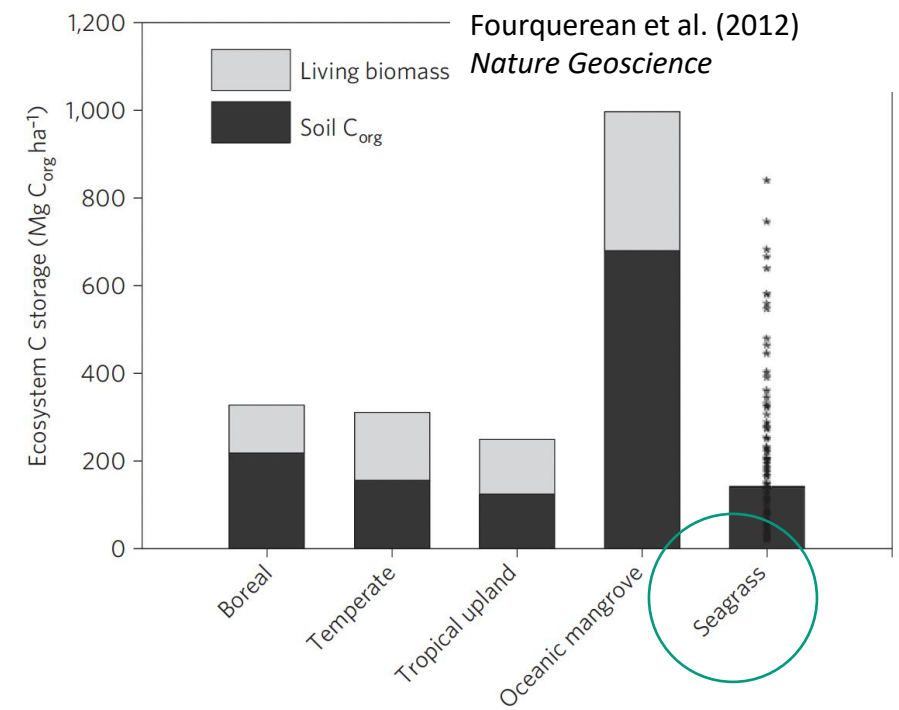
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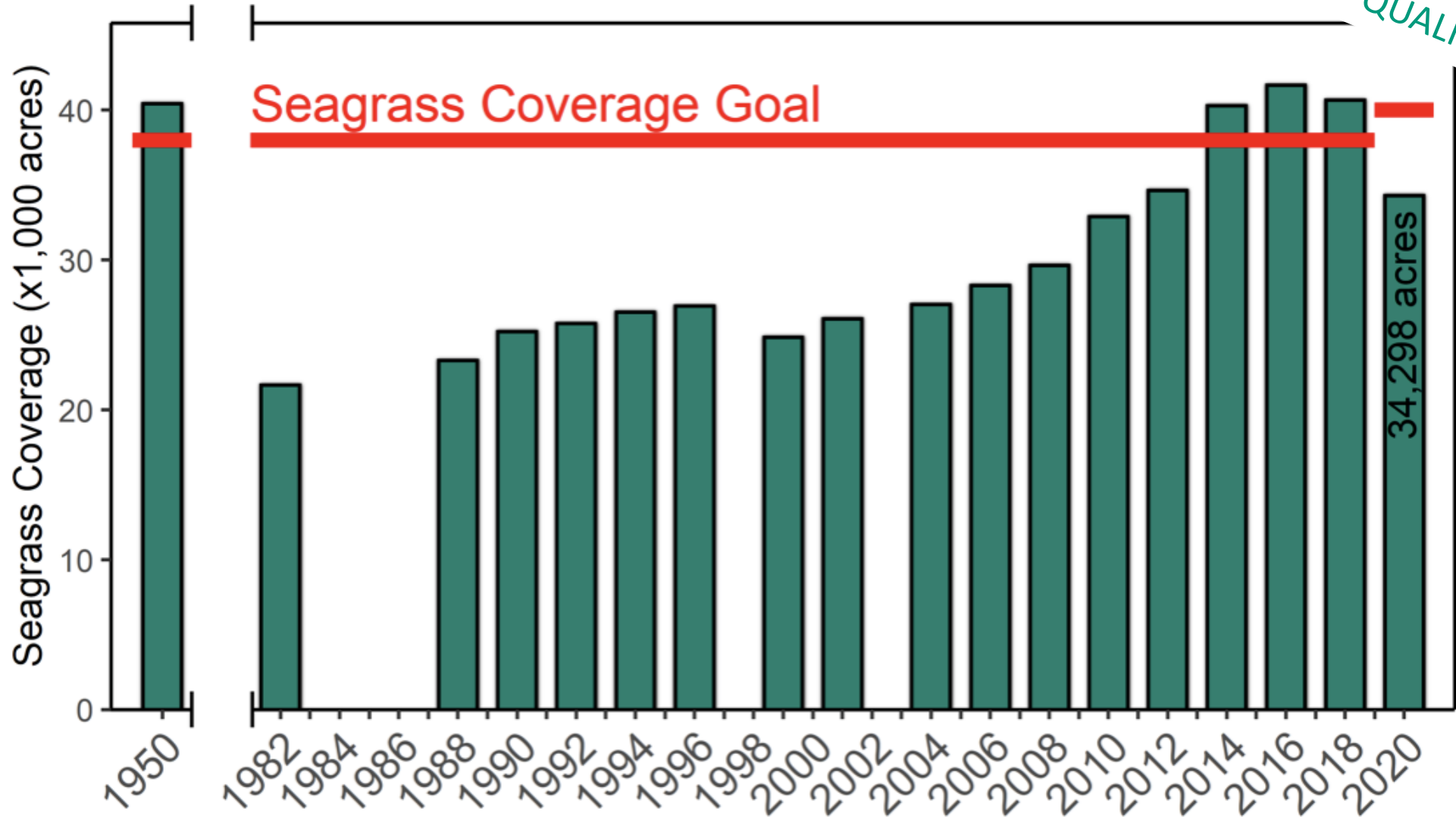
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The Need to Act



13% Loss

Proposed Work



- 20,000 Southern Hard and Venus Sunray clams
- POD® restoration design and predator netting
- Quarterly monitoring and reporting for 1 year



- Bimini Bay site
- 803 seagrass units & 1,250 sediment tubes
- Permitting & annual monitoring for 3 years



- Third-Party, non-profit oversight
- Long-term monitoring and evaluation of restoration success
- Conduct restoration research to improve best practices

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THE DIATOM INITIATIVE





Value Added

- Immediate return on ecosystem services
- Facilitates bivalve recruitment
- Science will advance future restoration
- Anna Maria will lead by example



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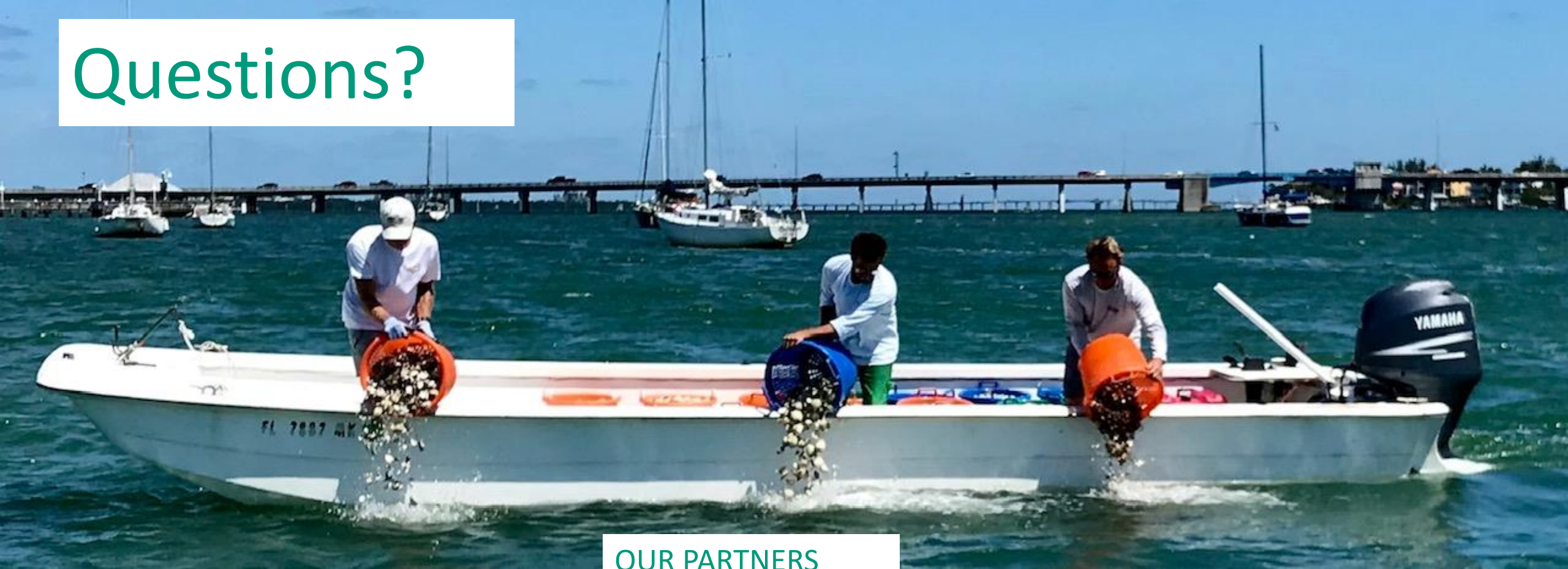


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Questions?



OUR PARTNERS

