

# ShORE

## SYMPOSIUM

### 2024

# A Changing Estuary

#### MORNING SESSION

**10:00am | Welcome:** Chad Truxall, Executive Director, Marine Discovery Center

**10:05am |** Jenna Van Gilder, Regional Director, AdventHealth East Florida Division - New Smyrna Beach

**10:10am |** Mayor Fred Cleveland, New Smyrna Beach

**10:15am | Keynote Speaker:** Clay Henderson: Environmental lawyer, educator, and writer long involved in environmental policy

**11:00am | Morning Break / Poster Viewing**

**11:15am | Student Presentations**

- Madison Serrate, University of Central Florida (UCF), *Wrack-tastic Biodiversity: Assessing Wrack Biodiversity in the Indian River Lagoon Amid Changing Shoreline Conditions*
- Jacob Friedman, Spruce Creek High School, *Examining the Effect of a Simulation of Varied Microplastic Types on Rhizophora mangle*
- Sharanya Natarajan, Edgewood Jr./Sr. High School, *An Integrated Algae Mitigation System to Seek & Abate Harmful Algal Blooms*
- Nicole Jerrell, UCF, *Shoreline Survey: Assessing Viable Seagrass Fragments Abundance in the Wrack Line*
- Amy King, Burns Science and Technology, *Building a Sustainable Future with Recycled Plastic Aggregate Concrete*
- Mariam Sonbol, UCF, *Assessing Bivalve Community Response to Restored Seagrass Habitats in Mosquito Lagoon, FL*
- Tara Blanchard, UCF, *Monitoring Faunal Responses to Biodegradable Oyster Reef Restoration Materials with Camera Traps*

**12:00pm | Lunch / Poster Viewing**

#### AFTERNOON SESSION

**1:15pm | Professional Presentations**

- Melissa Adams and Carolyn Vanzo, St. Johns Water Management District, *What's so different about Mosquito Lagoon?*
- Michelle Pasawicz, Florida Fish and Wildlife Conservation Commission, *Manatee Conservation and Management on the Atlantic Coast*
- Missy Weiss, Ocean Research & Conservation Association, *A Day in the Life of the Indian River Lagoon and Community Science in the Lagoon*

**2:00pm | Student Awards and MDC Rhizophora Conservation Hero Award**

**2:30pm | Professional Presentations**

- Kelly Young, Volusia County Environmental Management, *Mosquito Lagoon Reasonable Assurance Plan and Water Quality Updates*
- Dr. Sugandha Shankar, FWC Fish and Wildlife Research Institute, *Harmful Algal Blooms and Bioluminescence in the IRL*

**3:00pm | Afternoon Break**

**3:15pm | Panel Discussion:** Resilience for a Changing Estuary

- **Moderator:** Annie Roddenberry, Florida Fish and Wildlife Conservation Commission
- Tess Sailor-Tynes, Marine Discovery Center
- Dr. Jason Evans, Institute for Water and Environmental Resilience, Stetson University
- Kathy Hill, Indian River Lagoon National Estuary Program
- Mayor Fred Cleveland, New Smyrna Beach
- Clay Henderson, Keynote Speaker

**4:00pm | Closing Remarks**

**4:30pm | Book Signing:** Clay Henderson, *Forces of Nature: A History of Florida Land Conservation*

**Location:** Harris House, 214 S Riverside Drive

**Keynote Speaker**  
*Clay Henderson*



Author of  
*Forces of Nature:  
A History of Florida Land Conservation*