



Hosted at Mote Science Education Aquarium (SEA), 225 University Town Center Drive, Sarasota, FL 34243

Wednesday, Dec. 3, 2025, 8:00 a.m. – 5:00 p.m.

## Science Stories from Your Community Presenters

### Overview

Beyond Data Storage: How SEACAR Facilitates Coordination Among Habitat Monitoring Programs and Meta-Analyses of Their Data Across Florida

**Cheryl P. Clark** | Florida Department of Environmental Protection

### Coastal Wetlands

Mangrove mortality and recovery after Hurricane Ian

**Casey Craig** | Florida Fish and Wildlife Conservation Commission

Restoration of tidal flow to a “mangrove heart attack” in Oleta River State Park

**Kara Radabaugh** | Florida Fish and Wildlife Conservation Commission

### Oyster Reef

SEACAR Frontiers: Supporting Data-Driven Management Planning

**Stephen R. Durham** | Florida Department of Environmental Protection

Using science to prioritize oyster reef restoration projects

**Eric Milbrandt** | Marine Laboratory, Sanibel Captiva Conservation Foundation

Better Together: How Co-Production Can Help Resource Managers Access Novel Sources of Actionable Information

**Gregory P. Dietl** | Paleontological Research Institution; Cornell University

*Enhancing SEACAR's Impact: A Comprehensive Stakeholder Engagement and Science Communication Initiative for Coastal and Resilience in Florida is funded in part by a grant from the NOAA Coastal Zone Management Program, under the Coastal Zone Management Act of 1972, as amended.*

## Water Column

Water Quality in the Guana River Marsh Aquatic Preserve: From Monitoring to Management

**Matthew Bernanke** | Florida Department of Environmental Protection, Guana Tolomato Matanzas National Estuarine Research Reserve

Understanding and communicating the impacts of the Piney Point wastewater discharge into Tampa Bay

**Ed Sherwood** | Tampa Bay Estuary Program

Overview of the State's Water Quality Monitoring Program in the Florida Keys National Marine Sanctuary and Aquatic Preserves with an Emphasis on Technology

**Genevieve Schave** | Florida Department of Environmental Protection, Florida Sea Grant

The Forage Fish Research Program: Facilitating ecosystem-based research, promoting young scientists, and supporting natural resource management.

**Justin Grubich** | The Pew Charitable Trusts

Bridging the Gap Between Science and Stakeholders: The Evolution of FWC's FIM Program

**Eric Weather** | Florida Fish and Wildlife Conservation Commission

## Submerged Aquatic Vegetation

From Report to Recovery: Understanding Seagrass Response to an Urchin Grazing Event

**Katherine Suchanec** | Florida Department of Environmental Protection, Big Bend Seagrasses Aquatic Preserves

Diving Through the Meadows: Exploring Seagrass Resilience and Recovery in Biscayne Bay

**Veronica Lopez** | Florida Department of Environmental Protection, Biscayne Bay Aquatic Preserve

Seagrass changes in the Indian River Lagoon – a look through the past 30 years

**Lori Morris** | St Johns River Water Management District

The Future of the Big Bend Seagrasses: Using SEACAR Data and Community Perspectives to Envision Long-Term Resilience

**Adrian Laufer** | Sea & Shore Solutions