



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 Oral Presentations

Overview

Beyond Data Storage: How SEACAR Facilitates Coordination Among Habitat Monitoring Programs 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

Tracking change in eastern oyster (*Crassostrea virginica*) reef characteristics within the Guana Tolomato Matanzas National Estuarine Research Reserve

Hans Prevost | Florida Department of Environmental Protection, Guana Tolomato Matanzas National Estuarine Research Reserve

SEACAR Frontiers: Supporting Data-Driven Management Planning

Cheryl P. Clark | Florida Department of Environmental Protection

Using science to prioritize oyster reef restoration projects

Eric Milbrandt | Marine Laboratory, Sanibel Captiva Conservation Foundation

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.

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

Gregory P. Dietl | Paleontological Research Institution; Cornell University

Water Column

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

Hans Prevost | 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

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

Adrian Laufer | Sea & Shore Solutions

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