

# POSTER DIRECTORY

As of 7/15/2025

## Florida Keys Marine Science Conference and Workshop

(In alpha order by presenter last name)

First Name	Last Name	Organization	City	ST	Abstract Title	Poster Session #	Date
Hayden	Acors	Florida International University	North Miami	FL	Spatial Patterns and Habitat Structure Influence on Seagrass Invertebrate Communities Across the Florida Keys	1	Tuesday, 10/28/2025
Sean	Ahearn	SGS Beta	Miami	FL	Spectroscopic Tracking of the Dissolved Organic Carbon (DOC) Conversion to Carbon Dioxide (CO2) for Isotopic Analysis and Carbon Fate Tracking	2	Wednesday, 10/29/2025
Morgan	Aldrich	Quiescence	Key Largo	IN	Promotion and Protection of the Underwater Cultural Heritage of the Florida Keys	1	Tuesday, 10/28/2025
Phil	Allman	Goshen College JN Roth Marine Biology Station	Layton	FL	Using Citizen Science and Machine Learning to Identify and Track Individual Sea Turtles in the Florida Keys	1	Tuesday, 10/28/2025
Andrew	Altieri	University of Florida	Gainesville	FL	Novel Predator Exclusion Method Improves Coral Reef Restoration Success	2	Wednesday, 10/29/2025
Gina	Badlowski	Florida International University	North Miami	FL	Mesoconsumer Trophic Linkages Across Reef-Seagrass Seascapes Within Sanctuary Preservation Areas in the Florida Keys	2	Wednesday, 10/29/2025
Christian	Brown	University of Georgia	Athens	GA	Florida Keys Porites astreoides Population Growth Rates Indicate Site-Specific Fates for Populations	1	Tuesday, 10/28/2025
Tristan	Buckell	NSU Florida	Dania Beach	FL	Mapping the Extent of the 2024-2025 Caulerpa Microphysa Macroalgae Bloom on Southeast Florida Reefs	2	Wednesday, 10/29/2025

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Leah	Cifers	Florida International University	North Miami	FL	Optimizing Invertebrate Herbivore Restocking Strategies to Enhance Coral Recruitment	2	Wednesday, 10/29/2025
Gina	Clementi	Florida International University	North Miami	FL	Length Distributions of Aggregating Permit ( <i>Trachinotus falcatus</i> ) in Response to the Western Dry Rocks Seasonal Closure	2	Wednesday, 10/29/2025
Katherine	Cummings	Florida Fish and Wildlife Conservation Commission	Marathon	FL	Marine Debris Characterization of the Marquesas, Florida	1	Tuesday, 10/28/2025
Ross	Cunning	John G. Shedd Aquarium	Chicago	IL	Rapid Increases in Tolerance of Surviving Corals Across Extreme Heatwaves	1	Tuesday, 10/28/2025
Alexandra	Draime	Bimini Biological Field Station Foundation	Hollywood	FL	Investigating the Potential Sublethal Physiological Impacts of the 'Spinning Fish Condition' for Coastal Sharks in the Lower Florida Keys	1	Tuesday, 10/28/2025
Katharine	Egan	National Oceanic and Atmospheric Administration	Key West	FL	Identifying Knowledge Gaps for Effective Sargassum Management: Findings from a Multisector Workshop	1	Tuesday, 10/28/2025
Courtney	Eshelman	FWRI	Marathon	FL	Population Demographics of <i>Xestospongia muta</i> on Ten Florida Keys Reefs from 2014 to 2024	1	Tuesday, 10/28/2025
David	Ganz	University of Miami	Key Biscayne	FL	Presence, Abundance, and Distribution of Common Invasive and Non-Native Species in the Florida Keys National Marine Sanctuary	2	Wednesday, 10/29/2025

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Taylor	Gill	University of Miami CIMAS/NOAA AOML	Miami	FL	Innovative Solution for Real-Time Acidification Monitoring: Sofar Buoy and SAMI-pH Integration	2	Wednesday, 10/29/2025
Kathryn	Grazioso	University of Miami's Cooperative Institute for Marine and Atmospheric Studies (CIMAS) / NOAA SEFSC	Miami	FL	From Monitoring to Restoration: A Multifaceted Approach to ESA- Listed Coral Conservation	2	Wednesday, 10/29/2025
Laura Jay W.	Grove	NOAA Fisheries, Southeast Fisheries Science Center	Miami	FL	National Coral Reef Monitoring Program's Reef Fish Surveys Support Diverse, Multi-Agency Fisheries Management Efforts	1	Tuesday, 10/28/2025
Carsten	Grupstra	Florida Atlantic University	Boca Raton	FL	Diversity in Disguise: Leveraging Cryptic Coral Diversity for Conservation in South Florida	1	Tuesday, 10/28/2025
Abigail	Haddock	Dolphin Research Center	Grassy Key	FL	Determining Ranging Patterns and Association Preferences of Bottlenose Dolphin Communities in Southeast Florida	2	Wednesday, 10/29/2025
Samantha	Hagedorn	Florida Fish and Wildlife Conservation Commission	Marathon	FL	Quantifying Tagged Fish Mortality Using an Incentivized Reward Program and Acoustic Telemetry within Marinas	1	Tuesday, 10/28/2025
Rob	Harper	Cooperative Institute for Marine and Atmospheric Studies, University of Miami	Key Biscayne	FL	Evaluating Atlantic Goliath Grouper ( <i>Epinephelus itajara</i> ) on Florida Reefs Using 25 Years of Visual Surveys	1	Tuesday, 10/28/2025
Cailin	Harrell	Florida Fish and Wildlife Conservation Commission	Marathon	FL	Disturbance Response Monitoring: Two Decades Spent Documenting Stressors Impacting Coral Populations Across Florida's Coral Reef	1	Tuesday, 10/28/2025

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Sophia	Ippolito	University of Miami CIMAS/NOAA SEFSC	Miami	FL	High-Concentration Amino Acids Bath Enhance Post-Settlement Survival in <i>Acropora palmata</i> and <i>Orbicella faveolata</i>	2	Wednesday, 10/29/2025
Emily	Jackson	Florida International University	North Miami	FL	Murky Waters, Clear Signals: The Behavioral and Epigenetic Responses of Bicolor Damselfish to Increased Turbidity	2	Wednesday, 10/29/2025
Morgan	Jarrett	Florida International University	North Miami	FL	Suffocation Via the Gills? The Physiological Struggle of <i>Panulirus argus</i> & <i>Maguimithrax spinosissimus</i>	2	Wednesday, 10/29/2025
Alia	Jones	FIU	Miami	FL	Regional Differences in Permit Diet and Resource Use Suggest Shifts in Seagrass Flat Food Webs	2	Wednesday, 10/29/2025
Nicholas	Jones	Nova Southeastern University	Dania Beach	FL	Site Selection for Florida's Coral Reef Restoration & Recovery (FCR3) Initiative	2	Wednesday, 10/29/2025
Heather	Kalaf	New York University, National Geographic, The Nature Conservancy	Boca Raton	FL	Queen Conch Conservation Through Signage Project	1	Tuesday, 10/28/2025
Carolyn	Kalinowski	Florida Fish and Wildlife Conservation Commission	Tallahassee	FL	Artificial Reefs in the Florida Keys: Opportunities to Support Fisheries Management Objectives	2	Wednesday, 10/29/2025
Hanna	Koch	Monroe County BOCC	Marathon	FL	Using Habitat Support Structures to Address Habitat Deficits within Bayside Nearshore Hardbottom of the FKNMS	1	Tuesday, 10/28/2025

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Cory	Krediet	Eckerd College	Saint Petersburg	FL	Microbiome Manipulation: Using Beneficial Microorganisms of Coral (BMCs) to Increase Disease Resilience	2	Wednesday, 10/29/2025
Shelly	Krueger	University of Florida	Key West	FL	Sponge Restoration Aquaculture: Reproductive Viability Following Propagation for Nearshore Spongiidae Species in the Florida Keys	1	Tuesday, 10/28/2025
Mackenzie	Magyar	Florida Department of Environmental Protection	Marathon	FL	Florida Keys Aquatic Preserves Seagrass Monitoring Program	1	Tuesday, 10/28/2025
Kayla	Merrill	Florida Fish and Wildlife Conservation Commission	Marathon	FL	Marine Lens Florida Keys: Empowering Participatory Scientists to Explore Marine Habitats via Zooniverse	1	Tuesday, 10/28/2025
Elizabeth	Murphy	University of South Alabama/Dauphin Island Sea Lab	Dauphin Island	AL	Understanding the Prevalence and Distribution of Natural Toxins in Teleost "Spinning" Fish from the FL Keys (2023-2025)	1	Tuesday, 10/28/2025
Andrew	Natter	Florida International University	North Miami	FL	Assessing Genetic Connectivity of the Permit ( <i>Trachinotus falcatus</i> ) Between South Florida and Belize	2	Wednesday, 10/29/2025
Alisa	Newton	OCEARCH	Park City	UT	Ocean Snow Birds: The Importance of Florida's Coast to the Overwintering White Shark ( <i>Carcharodon carcharias</i> )	2	Wednesday, 10/29/2025
Zach	Niedermaier	Nova Southeastern University	Dania Beach	FL	Hot-Spot Cluster Analysis of Large Parrotfish in the Florida Reef Tract to Inform Restoration	1	Tuesday, 10/28/2025

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Alison	Robertson	University of South Alabama & Dauphin Island Sea Lab	Mobile	AL	Biotoxin Exposure in the Smalltooth Sawfish, <i>Pristis pectinata</i> in the Florida Keys	1	Tuesday, 10/28/2025
Megan	Russell	Florida Atlantic University	Fort Pierce	FL	Population Genetics of Sponge Restoration in Florida Bay	1	Tuesday, 10/28/2025
Chase	Schaffhauser	Florida International University	North Miami	FL	Evening Movement Patters in Permit Pre-Spawn Aggregations as Observed by Active Acoustic Tracking	2	Wednesday, 10/29/2025
Genevieve	Schave	FL Sea Grant/FDEP	Marathon	FL	Overview of the State's Water Quality Monitoring Program in The Florida Keys National Marine Sanctuary and Aquatic Preserves	2	Wednesday, 10/29/2025
Whitney	Schwab	Nova Southeastern University	Dania Beach	FL	Identify and Widen Bottlenecks in the Asexual Restoration of Endangered <i>Orbicella</i> Boulder Corals	1	Tuesday, 10/28/2025
Francis	Serrano	NOAA AOML	Miami	FL	Utilizing eDNA Metabarcoding to Monitor Biodiversity at Mission: Iconic Reef sites in the FL Keys	2	Wednesday, 10/29/2025
Gillian	Smith	Eckerd College	St. Petersburg	FL	Assessing the Impact of Elevated Temperatures on Caribbean King Crab Physiology	2	Wednesday, 10/29/2025
Robert	Spekis	Nova Southeastern University	Dania Beach	FL	Baseline Mapping of Florida's Largest Yellow Finger Coral, <i>Madracis auretenra</i> , Patches Amidst Environmental Stress	2	Wednesday, 10/29/2025

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Sharla	Sugierski	Florida Fish and Wildlife Research Institute	Marathon	FL	Bleaching and Recovery of Boulder Corals on a Patch Reef in the Middle Florida Keys	1	Tuesday, 10/28/2025
Justin	Voss	Florida Fish and Wildlife Conservation Commission	MARATHON	FL	Warming Sea Surface Temperature Trends in the Florida Keys: Implications for Queen Conch Population Persistence	1	Tuesday, 10/28/2025
Jordan	Waldron	Florida Atlantic University	Boca Raton	FL	Spatiotemporal Abundance of Whitespotted Eagle Rays in the Florida Keys	1	Tuesday, 10/28/2025
Brian	Walker	Nova Southeastern University	Dania Beach	FL	Decreasing Water Quality Unmasked on Florida's Coral Reef	2	Wednesday, 10/29/2025
Sandra	Walters	Eco Legacy Solutions, LLC & Member of EPA Water Quality Steering Committee for FKNMS	Fort Myers	FL	Treating All Roadway Stormwater Runoff to Remove Contaminants.	2	Wednesday, 10/29/2025
Holly	White	Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute	Key West	FL	Paving the Way to Sponge Restoration in Florida Bay: Evaluating Sponge Restoration Techniques	1	Tuesday, 10/28/2025
Lawrence	Wood	National Save The Sea Turtle Foundation	North Palm Beach	FL	The Elusive Hawksbill Turtles ( <i>Eretmochelys imbricata</i> ) of The Florida Keys National Marine Sanctuary	1	Tuesday, 10/28/2025
Alexandra	Zelaya	UNCW Coral Reef Lab	Wilmington	NC	Monitoring Thermally Preconditioned <i>Pseudodiploria Clivosa</i> Post-Outplanting	2	Wednesday, 10/29/2025

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Lauren	Zitzman	Fish and Wildlife Research Institute	Marathon	FL	Honoring the Past, Exploring the Future: Human Dimensions of the Caribbean Spiny Lobster Fishery	1	Tuesday, 10/28/2025
Treiana	Zuill	Florida International University	Miami	FL	Sexual Reproduction and Seedbanks of the Seagrass <i>Syringodium filiforme</i> as a Tool for Seagrass Restoration	1	Tuesday, 10/28/2025