

# Society of Wetland Scientists Virtual Conference 2025 Agenda

January 31st-February 1st, 2025



Friday, January 31st			Saturday, February 1st		
Time (Eastern Daylight Savings Time)	Presentation	Speaker	Time (Eastern Daylight Savings Time)	Presentation	Speaker
15:00-15:05	Welcome and Introduction	Anthony Mirabito	10:00-10:05	Welcome and Introduction	Anthony Mirabito
15:05-15:50	Plenary Speaker: The impact of saltwater intrusion and marsh migration on coastal biogeochemical cycling	Nate Spicer	10:05-10:50	Plenary Speaker: Mangrove Expansion on Intertidal Oyster Reefs: Assessing Drivers in a Habitat Shift	Katherine Harris
16:50-16:00	Thank you to our sponsors and Logistics		10:50-11:00	Thank you to our sponsors	
16:00-16:30	Poster Session and Social Time		11:00-11:30	Workshop: Using Remote Sensing for Wetland, Estuary, and/or Wildlife Management	Danica Schaffer- Smith
16:30-16:45	Evaluating MAOM and POM Dynamics in Florida's Coastal Wetlands Under Environmental Stressors	Mercedes Pinzon	11:30-11:45	Unleashing peatlands in Colombia: The unsung heroes of water regulation.	David Santiago Rocha Cárdenas
16:45-17:00	Stability and spatial variability in cultivated histosols of the Everglades Agricultural Area (Florida, USA): Soil health and carbon protection	Mumtahina Riza	11:45-12:00	Characterizing the Beneficial Uses of the Arcata Marsh Constructed Wetland Treatment System and Wildlife Sanctuary	Andrew Wolff
17:00-17:15	From pines to hollies: How rising seas alter tree morphological space occupation in coastal Virginia	Juan Martinez	12:00-12:15	Life Stage is Important for Predicting Coastal Wetland Regime Shifts	Jacob Doty

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Time (Eastern Daylight Savings Time)	Presentation	Speaker	Time (Eastern Daylight Savings Time)	Presentation	Speaker
17:15-17:30	Bacterial community composition of remediated areas of the Missouri Tri-State mining district	Ophelia Pettington	12:15-12:30	Characteristics of the audiovisual representation of wetlands shared by different organizations during World Wetlands Day (2022-2024)	Melina Guerrero
17:30-17:45	The ripple effect of drawdowns: invasion of <i>Potamogeton crispus</i> in an Ozark spring-fed pond	Daphne Miles	12:30-12:45	Effects of Beaver Dams and Beaver Dam Analogs on Wetland Rehydration in Alaska	Michael Knight
17:45-18:00	To restore or not restore - insights from the long-term carbon accumulation history in heavily degraded peatlands from Sudbury, Boreal Canada	Samantha Mitchell	12:45-13:00	Evaluating How Soil Biogeochemical Pools Vary By Age of Restored Coastal Wetlands	Anthony Mirabito
18:00-19:30	Workshop: Data Management in R	UF Carpentries	13:00-13:30	Fireside Chat: Meet the Student Section Arcade & Small Island Networking Break	
19:30-20:00	Fireside Chat: Meet the Student Section Arcade & Small Island Networking Break		13:30-5:00	Workshop: Python Cluster Analysis in Wetland Science	Nick Chin
			15:00-15:15	Closing Ceremony and Awards	Anthony Mirabito

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## **Workshops:**

### Data Management in R

Participants learn about R and how helpful a tool it is for wetland scientists. Participants can use their own data to answer questions using big data. Participants can have little to no experience.

### Python in Wetland Science

Participants will learn about Python and how helpful of a tool it is for wetland scientists. Participants can have little to no experience.

### Using Remote Sensing for Wetland, Estuary, and/or Wildlife Management

Participants will cover using remote sensing techniques for land and wildlife conservation within wetland science. Learn about evolving techniques and best practices.