

LIVING ON THE EDGE

FLORIDA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS
2021 ANNUAL CONFERENCE AND TRAINING SYMPOSIUM
SEPTEMBER 22-24 VIRTUAL

Conference hosted by the Treasure Coast Chapter
www.tcc-faep.org



Track 1: Emerging Technologies

Track 2: Natural Resources

Track 3: Remediation

Track 4: Resiliency



Sea Turtle Room



Mangrove Room



Networking Park

Conference Schedule

Wednesday, September 22nd

Opening Session - Welcome Remarks - Location: Sea Turtle Room			12:00 - 12:15
Keynote Speaker - Dr. Sylvia Earle - Location: Sea Turtle Room			12:15 - 1:00
Track 1 Emerging Technologies: Sea Turtle Room	Track 2 Natural Resources: Mangrove Room		
Emerging Location Intelligence for a Sustainable Future	Aquifer Storage and Recovery for the Lake Okeechobee Watershed Restoration Project		1:00 - 1:25
Quantifying Storm Impacts on a Coastal Dune using UAVs: A case study of Hurricane Dorian in The Bahamas	An Analysis of Sea Turtle Nesting Before and After A Sand Placement Project in Broward County, FL		1:25 - 1:50
3D Mesh: What is it, its use cases, and its role with aerial imagery	State Assumption of the Federal 404 Permitting Program		1:50 - 2:15
Mapping with Unmanned Aerial Vehicles (UAVs)	<i>Please Join the Sea Turtle Room</i>		2:15 - 2:40

Student Speed Talks - Location: Sea Turtle Room					
Application of Microbial Communities for Bioremediation of Uranium Contaminated Soil Solutions.	Different Factors That Determine the Amount and Diversity of Honeybee Pollen	Reducing Plastic in Miami Beach through the Expansion of the #PlasticFreeMB Program.	Plant Materials and Technology for Coastal Dune Restoration	Indian River Lagoon Microbial Community	2:40 - 3:20
BREAK - Join us in the Networking Park					3:20 - 3:35
Track 3 Remediation: Sea Turtle Room	Track 4 Resiliency: Mangrove Room				
The New E1527-21 ASTM Phase 1 Site Assessment	The Choice to Become More Resilient				3:35 - 4:00
Benzo(a)pyrene in the Urban Environment, Assessment, and Mitigation	Statewide Living Shoreline Permit Database				4:00 - 4:25
How an Innovative Wastewater Nutrient Removal Technology is Protecting Tampa Bay	Sea level Changes Mechanisms in the MPI-ESM under FAFMIP forcing conditions.				4:25 - 4:50
Closing Remarks - Location: Sea Turtle Room					4:50 - 5:00
Virtual Student Networking Event (This event will take place in a separate Remo space)					6:00 - 8:00

Look for these signs inside the Remo conference space to help you navigate!

LIVING ON THE EDGE

FLORIDA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS
2021 ANNUAL CONFERENCE AND TRAINING SYMPOSIUM
SEPTEMBER 22-24 VIRTUAL

Conference hosted by the Treasure Coast Chapter
www.tcc-faep.org



Track 1: Emerging Technologies

Track 2: Natural Resources

Track 3: Remediation

Track 4: Resiliency



Sea Turtle Room



Mangrove Room



Networking Park

Conference Schedule

Thursday, September 23rd		
Opening Session - The Value of Professional Society Leadership, FAEP Panel Discussion Location: Sea Turtle Room 		12:00 - 12:40
Track 3 Remediation: Sea Turtle Room 	Track 4 Resiliency: Mangrove Room 	
Beyond the Phase I ESA	Technical and Legal Perspectives on Coastal Resiliency and Adaptation	12:40 - 1:05
Track 2 Natural Resources: Sea Turtle Room 		
Imperiled Beach Nesting Bird Monitoring	Technical and Legal Perspectives on Coastal Resiliency and Adaptation (continued)	1:05 - 1:30
The Environmental & Economic Aspects of Wetland Mitigation & Species	Coastal Conditions and Resiliency in Deerfield Beach	1:30 - 1:55
SPONSOR SHOUTOUT - Location: Sea Turtle Room 		1:55 - 2:25
BREAK - Join us in the Networking Park 		2:25 - 2:40
Track 1 Emerging Technologies: Sea Turtle Room 	Track 2 Natural Resources: Mangrove Room 	
Using Drones to Assess Biomechanics and Kinematics of Manta Ray Behavior	Protection of Natural Resources within SFWMD	2:40 - 3:05
Using GIS for Environmental Screening and Public Comment	Wildlife: Red-cockaded Woodpecker Conservation Efforts	3:05 - 3:30
Harmful Algae Bloom Mitigation and Nutrient Removal Technology	Conehead Termite Eradication in Florida	3:30 - 3:55
Specialized Certifications To Boost your Career Potential - A Panel Discussion Location: Sea Turtle Room 		3:55 - 4:45
Closing Remarks - Location: Sea Turtle Room 		4:45 - 5:00
Networking Reception (In-person event)		6:00 - 9:00