

**DRAFT (09-02-25)**

## 2025 Florida Resilience Conference

*featuring the 68<sup>th</sup> FSBPA Annual Meeting*

**September 17-19, 2025 ♦ Sunseeker Resort ♦ Charlotte Harbor, FL**



# 4TH ANNUAL CONFERENCE

## Adapting Today; Powering Tomorrow!

**SEPTEMBER 17-19, 2025  
SUNSEEKER RESORT  
CHARLOTTE HARBOR, FLORIDA**



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## **OPENING GENERAL SESSION**

**Wednesday, September 17**

**Opening General Session**

**1:00 pm – 2:50 pm**

**1:00 pm**

**Call to Order**

Janet Zimmerman, Chair, FSBPA and Executive Director, Florida Inland Navigation District, Jupiter, FL

**Welcome and Opening Remarks**

Joseph “Joe” Tiseo, Chair, Charlotte County Board of County Commissioners, District 5

**1:15 pm**

**Opening Legislative Keynote: Florida’s Environmental Outlook on Policy and Funding**

Ana Maria Rodríguez, Florida Senate, District 40, Monroe County and part of Miami-Dade County

**1:35 pm**

**Update on the Florida Flood Hub**

Dr. Thomas “Tom” Frazer, Executive Director, Florida Flood Hub, St. Petersburg, FL

**1:55 pm**

**Pathways to Resilience: FDEP Updates on Florida’s Resilience Efforts and Programs**

Adam Blalock, Deputy Secretary, Florida Department of Environmental Protection, Tallahassee, FL

**2:10 pm**

**Aligning Flood Vulnerability Assessments and Resiliency Adaptation Planning Across Local, Regional, State, and Federal Levels**

Moderator: Ana Carolina Coelho Maran, PhD, PE, Chief of District Resiliency, South Florida Water Management District, West Palm Beach, FL

- Julie Dick, Miami-Dade County RER, Miami, FL
- E. Timothy Gysan, PE, PMP, Resilience Senior Project Manager, Ecosystem Branch, Programs & Project Management Division, USACE Jacksonville District
- Jennifer Jurado, PhD, Chief Resilience Officer, Deputy Department Director, Broward County, Fort Lauderdale, FL
- Mark Rains, Florida Department of Environmental Protection
- Clara Sidan, Assistant Director, Resilience and Public Works Department, City of Miami, FL
- Maggie Steenburg, Miami-Dade County DEM, Miami, FL

**2:50 pm**

**Professional Exchange Break – Ice Cream Social**

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## **A1 – SMART PLANNING**



**Wednesday, September 17**

**Session A1 – Smart Planning**

**3:20 pm – 5:30 pm**

**3:20 pm**

**The Florida Navigator Program: Providing Technical Assistance for Community Resilience**

- Holly Abeels, Florida Sea Grant Extension Agent, University of Florida IFAS Extension, Cocoa, FL
- Alicia Betancourt, County Extension Director and Community Development Agent, University of Florida IFAS Extension, Key West, FL
- Ramona Madhosingh-Hector, Regional Specialized Agent, Urban Sustainability, University of Florida IFAS Extension, Plant City, FL
- Carrie Stevenson, Coastal Sustainability Agent, University of Florida IFAS Extension, Cantonment, FL

**3:50 pm**

**Developing Florida's Statewide Coastal Restoration Guide with Living Shoreline Chapter**

- Matthew Martin, Scientist, Resource Environmental Solutions, LLC, Orlando, FL
- Melinda Donnelly, PhD, Assistant Research Scientist, University of Central Florida, Department of Biology, Orlando, FL

**4:20 pm**

**Redefining Regional Resilience**

Anne Coglianese, Chief Resilience Officer, City of Jacksonville, Jacksonville, FL; Jessica Beach, Chief Resilience Officer, City of Saint Augustine, FL; and Fara Ilami, Resiliency Manager, Northeast Florida Regional Council, Jacksonville, FL

**4:40 pm**

**Assessing the Need for New Special Protection Areas in the Shingle Creek and St. Johns River Basins in Orange County, Florida**

Kelsey Mack, Environmental Scientist, Applied Ecology Inc., Melbourne, FL and Alan Marshall, Environmental Policy Coordinator, Orange County, Orlando, FL

**5:00 pm**

**Plan it Now, Stay Dry Later: The Florida Adaptation Playbook**

- Samantha Danchuk, Climate and Coastal Resilience Lead, APTIM, Boca Raton, FL
- Charlie Mopps, Public Works Director, Town of Longboat Key Public Works Department, Longboat Key, FL
- Cynthia Buisson, Assistant Public Works Director, City of Delray Beach, FL

**5:30 pm**

**Adjourn**

**5:45 – 6:45 pm**

**Welcome Reception**

*Specialty Cocktails sponsored by*



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## **A2 – SMART PLANNING**



**Thursday, September 18**

**Session A2 – Smart Planning**

**8:00 am – 10:10 am**

**8:00 am**

**Professional Exchange Break – Morning Sunshine Break**

*sponsored by*



**8:30 am**

**Adapting Urban Amenities to Manage Extreme Rainfall: NYC Cloudburst Infrastructure Planning and Design**

Pinar Balci, Senior Vice President, WSP USA Corp, New York, NY

**8:50 am**

**Regulatory Obstacles to Coastal Resiliency**

Jeffrey Collins, Director of Federal Regulatory Services, Bio-Tech Consulting, Cocoa, FL

**9:10 am**

**Powered by SMARTS: Streamlining Grant Management & Community Resiliency**

Laura Wittenbauer, Grants Professional and Molly Williams, PE, Civil Engineer, Kimley-Horn, Sarasota, FL

**9:30 am**

**AI + Outreach: Redefining Public Engagement for Resilience Projects**

Kelly Flowers, Marketing Director, Jones Edmunds, Alachua, Florida

**9:50 am**

**Courtney Campbell Causeway Vulnerability Assessment and Resilience Study**

Michael Salisbury, Senior Coastal Engineer, AtkinsRealis, Inc., Orlando, FL

**10:10 am**

**Professional Exchange Break – Morning Beverage Break**

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## **A3 – SMART PLANNING**



**Thursday, September 18**

**Session A3 – Smart Planning**

**10:40 am – 12:10 pm**

**10:40 am**

**Beyond Flood Risk: a Holistic Approach to Increasing Resilience of Florida Communities**

Stephen Bourne, AtkinsRealis, AtkinsRealis, Rome, GA

**11:00 am**

**Collaborative Climate Resilience Planning for Central Florida Communities**

Donald Carpenter, Principal, Drummond Carpenter, PLLC, Maitland, FL

**11:20 am**

**Integrating Climate Risk into its Engineering Design Decision-Making (For Buildings, Roadway Infrastructure)**

- Catherine Prince, VP, Climate Resilience & Sustainability, WSP USA Inc., Sunrise, FL
- Angel Chavarria, WSP, Senior Project Manager
- Christian Kamrath, Resilience Program Manager, Miami-Dade County

**11:50 am**

**Florida's Ports on the Frontlines: Advancing Resilience and Readiness**

Moderator: Jenna Phillips, Senior Director, Cummins Cederberg, Coral Gables, FL

- Jose De Jesus, PE, Director of Engineering, Port Tampa
- John D. Glass Jr., P.E., Deputy Director of Engineering and Construction, SeaPort Manatee
- Helga Sommer, PE, PPM, Chief of Engineering, Port Miami

**12:20 pm**

**Adjourn for Lunch**

Location: Great Egret A

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## **A4 – SMART PLANNING**



**Friday, September 19, 2025**

**Session A4 – Smart Planning**

**8:30 am – 10:10 am**

**8:30 am**

**Advancing Miami-Dade Adaptation Action Areas**

Christian Kamrath, Resilience Program Manager, Miami-Dade County Office of Environmental Risk and Resilience, Miami, FL and Robert Colon, Resilience Coordinator, Miami-Dade County Office of Environmental Risk and Resilience, Miami, FL

**8:50 am**

**Using a Benefit-Cost Analysis Tool for Smart Infrastructure Investments**

Afeefa Abdool-Ghany, Community Resilience Lead, Brizaga, Fort Lauderdale, FL and Anne DeBoer, Associate Vice President (AVP), Associate Principal, Buildings + Places Consulting, AECOM, New York, NY

**9:10 am**

**Legal Policy and Project Case Studies in Vulnerability Planning and CRS Watershed Planning**

Erin Deady, President, Erin L. Deady, PA, Delray Beach, FL

**9:30 am**

**City of Tampa Basin Model Gap Analysis and Prioritization**

Taylor Lankford, Director of Water Resources, Applied Sciences Consulting, Inc., Tampa, FL

**9:50 am**

**Know Before you Go: Reaching Agreement on Level of Service and Design Criteria**

Steve Williamson, Village Manager, Village of Key Biscayne, FL; Michael Houda, Program Manager, Black and Veatch, Coral Gables, FL; and Erik M. Alcantara, PE, PMP, ENV SP, Client Service Manager/Senior Project Manager, AECOM, Miami, FL

**10:10 am**

**Professional Exchange Break**

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## **B1 – BEACHES**



**Wednesday, September 17**

**Session B1 – Beaches**

**3:20 pm – 5:30 pm**

**3:20 pm**

**A Tale of Two Shorelines**

Matthew Logan, Coastal Projects Manager, Charlotte County, Punta Gorda, FL and Michael Poff, PE, President, Coastal Engineering Consultants, Inc. Bonita Springs, FL

**3:50 pm**

**A Tale of Resiliency: Anna Maria Island's Response to the 2024 Hurricane Season**

Morjana Signorin, Coastal Protection Engineering, Boca Raton, FL and Charlie Hunsicker, Director, Natural Resources Department, Manatee County, FL

**4:10 pm**

**Balancing Act: For Every Action there is a Reaction**

Dave Swigler, Engineering Supervisor and Andy Studt, Coastal Resources Management Program Supervisor, Department of Environmental Resources Management, Palm Beach County, FL

**4:30 pm**

**Coastal Risk Check- Evaluating Risk Along the Volusia County Beaches**

Wendy Laurent, Coastal Engineer, Taylor Engineering, Philadelphia, PA and Jessica Fentress, PE, Coastal Director, Volusia County, Daytona Beach, FL

**4:50 pm**

**A 30+ Year Journey: The Port Everglades Inlet Sand Bypassing Project is FINALLY! Going to Construction!**

- Chris Creed, PE, Senior Coastal Engineer, Foth | Olsen, Jacksonville, FL
- Cheryl Miller, President, Coastal EcoGroup, Deerfield Beach, FL
- Stephanie Roche, Beach Program Manager, Resilient Environment Department, Broward County, Fort Lauderdale, FL

**5:20 pm**

**Public-private partnerships to Inform Community Flooding Threats**

Brian Glazer, PhD, Oceanography Professor, University of Hawaii, CEO, Hohonu, Honolulu, HI

**5:30 pm**

**Adjourn**

**5:45 – 6:45 pm**

**Welcome Reception**

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## **B2 – BEACHES**



**Thursday, September 18, 2025**

### **Session B2 – Beaches**

**8:00 am – 10:10 am**

**8:00 am**

#### **Professional Exchange Break – Morning Sunshine Break**

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**8:30 am**

#### **U.S. Corps of Engineers Jacksonville District Commander's Update**

Colonel Brandon Bowman, Commander, U.S. Corps of Engineers, Jacksonville, FL

**8:50 am**

#### **FDEP Beaches Programs Trends and Updates: Policy, Funding, and Monitoring**

- Lainie Edwards, PhD, Deputy Director, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL
- Greg Garis, Program Administrator, Beaches, Inlets and Ports Program, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL
- John Irving, MSc, Environmental Administrator, Beach Management Funding Assistance Program, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL

**9:30 am**

#### **Shifting Sands of Beach Renourishment Funding and Financing**

Kevin Plenzler, Director, PFM Financial Advisors LLC, Orlando, FL

**9:50 am**

#### **Alternative Contracting Strategies to Manage Beach Nourishment Costs**

Jay Block, Area Manager of Markets & Strategy, Weeks Marine, Inc., Cranford, NJ and Chuck Broussard, Vice-President, Weeks Marine, Inc., Covington, LA

**10:10 am**

#### **Professional Exchange Break – Morning Beverage Break**

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## **B3 – BEACHES**



**Thursday, September 18, 2025**

### **Session B3-Beaches**

**10:40 am – 12:10 pm**

**10:40 am**

#### **Balancing Florida's Inlet Management Program - Accomplishments, Implementation of Strategies & Policy**

- Thomas Pierro, PE, Principal Engineer, Coastal Protection Engineering, Boca Raton, FL
- Will Reilly, PE, Chief, Waterways Branch, USACE, Jacksonville, FL (*Invited*)
- William “Guy” Weeks, Planning Manager, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL

**11:15 am**

#### **Florida Seafloor Mapping Initiative: Providing a Statewide Elevation Model for Improved Resource Management and Policy Decisions**

- Jim Cichon, Environmental Administrator over Technical Support Section, Resilient Florida Program, Tallahassee, FL
- Jeffrey R. Irwin, CoNED Field Campaign Lead, U.S. Geological Survey, Earth Resources Observation and Science Center, Sioux Falls, SD
- Kimberly Jackson, Florida Geographic Information Officer, Tallahassee, FL
- Alex Reed, Director, Office of Resiliency and Coastal Protection, FDEP, Tallahassee, FL

**11:50 am**

#### **Manasota Key Mitigation Artificial Reefs: How to Determine Mitigation Success in Disturbance Mediated Nearshore Habitat**

Cheryl Miller, President, Coastal Eco-Group Inc., Stuart, FL

**12:10 pm**

#### **Annual FSBPA Membership Meeting**

**12:15 pm**

#### **Adjourn for Lunch**

Location: Great Egret A

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## **B4 – BEACHES**



**Friday, September 19, 2025**

**Session B4-Beaches**

**8:30 am – 10:10 am**

**8:30 am**

**The Recreational and Economic Value of Volusia County Beaches**

James Houston, Senior Scientist, Taylor Engineering, Ponte Vedra, FL and Jessica Fentress, PE, Coastal Director, Volusia County, Daytona Beach, FL

**8:50 am**

**A Tale of Post-storm Recovery and Hazard Mitigation at a Public Marina**

Danielle Irwin, Senior Director, Cummins Cederberg, Tallahassee, FL

**9:10 am**

**Reimbursement for FEMA Category G Beach Projects: Policies and Procedures**

- Hamza Sattar, FCCM, Programmatic Reviewer & EHP Specialist, Florida Division of Emergency Management, Tallahassee, FL
- Collin Kenline, FCCM, Programmatic Reviewer & State Infrastructure RSF Lead, Florida Division of Emergency Management, Tallahassee, FL

**9:40 am**

**Beach Access Granted! A Legislative Update on Florida's Beaches**

Panel is to be determined

**10:10 am**

**Professional Exchange Break**

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**C1-ENERGY**



**Wednesday, September 17**

**Session C1-Energy**

**3:20 pm – 5:30 pm**

**Moderator:** Lindsay Cross, MS, Senior Environmental Scientist, ESA/Florida House of Representatives, (D-60), Tampa, FL

**3:20 pm**

**Feasibility of Advanced Nuclear Power in Florida**

Andrew Fay, JD, Commissioner, Public Service Commission, Tallahassee, FL

**3:45 pm**

**Regional Collaboration and Local Action Towards Reducing Agency Energy Burden**

- Catherine Prince, Vice President Climate Resilience and Sustainability, WSP, Miami, FL
- Ashantae Green, Sustainability Manager, City of Jacksonville, Jacksonville, FL
- Luz A Ramirez, Sustainability Coordinator - Public Works Department, City of Fort Lauderdale, Fort Lauderdale, FL
- Sara Kane, MA, CPM, LEED GA, Sustainability and Resilience Manager, Sarasota County UF/IFAS Extension and Sustainability, Sarasota, FL

**4:15 pm**

**Energy Benchmarking and Compliance: Implications for Asset Valuation in Commercial Real Estate**

Jessica Wright-Kacso, LEED AP, Resiliency Technical Director, Partner Engineering and Science, Inc., Altamonte Springs, FL

**4:35 pm**

**LNG in Florida - Fueling Sustainability and Growth**

Douglas Shanda, Senior Advisor, Seaside LNG, Spring, TX

**5:05 pm**

**Battling Extreme Heat: Tree and Shade Mapping Tools to Help Cool Florida's Cities**

Tanner Haid, Senior Director, Urban Forestry Field Delivery, American Forests, Washington, DC

**5:30 pm**

**Adjourn**

**5:45-6-45 pm**

**Welcome Reception**

*Specialty Cocktails sponsored by*



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## **C2 – ENERGY**



**Thursday, September 18**

**Session C2-Energy**

**8:00 am – 10:10 am**

**8:00 am**

**Professional Exchange Break – Morning Sunshine Break**

*sponsored by*



**Moderator: Virginia Dailey, Partner, Shumaker, Tallahassee, FL**

**8:30 am**

**The Importance of Power Generation Diversity**

TBA, FPL

**8:50 am**

**What's On the Horizon in the Nuclear Energy Space**

Alison Krager Hahn, Technical Advisor, New Nuclear, Nuclear Energy Institute, Washington, DC

**9:10 am**

**Duke Energy - Battery Energy Storage Systems**

Hans Jacob, Director, Renewable Business Development, Duke Energy Corporation, St. Petersburg, FL

**9:30 am**

**Co-locating Solar with Water Drainage for Renewable Energy and Water Conservation**

Lindsay Cross, MS, Senior Environmental Scientist, Environmental Science Associates/Florida House of Representatives (D-60), Tampa, FL; and Sharon Niemczyk, Vice President & Energy Market Leader, Environmental Science Associates, Boynton Beach, FL

**9:50 am**

**Powering the Keys: Ensuring Emergency Generation Capacity in the Lower Keys**

Paul Brunfelt, PE, Director of Generation, Keys Energy Services, Key West, FL

**10:10 am**

**Professional Exchange Break – Morning Beverage Break**

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**C3-ENERGY**



**Thursday, September 18**

**Session C3-Energy**

**10:40 am – 12:10 pm**

**Moderator:** Frederick Aschauer, Shareholder, Lewis Longman Walker, Tallahassee, FL

**10:40 am**

**One Port, One Grid: Lessons Learned in Delivering Shore Power at PortMiami**

Helga Sommer, PE, PPM, Chief of Engineering, PortMiami, Miami, FL; Ryan W. Bell, PE, Asst. Vice President, Ports and Marine Engineer, WSP USA Inc., Sunrise, FL; and Scott Lagueux, AICP, LEED AP, Vice President & Director of Water Planning, Charlotte, NC

**11:05 am**

**Protecting the Grid: Energy Resilience Planning to Protect Electrical Power**

Lawrence Frank, AICP, CFM, PMP, Director, Federal Planning, Resilience and Response, AtkinsRéalis, Atlanta, GA

**11:25 am**

**Clean Water Recovery Center: Water Sustainability and Public-Private Partnerships**

FPL, Black & Veatch, Miami-Dade County

**11:50 am**

**Digital Defenses: Fortifying Cyber-resilience in Florida's Energy Systems**

Emilio Salabarria, MS CIM, Senior Program Manager, Cyber Florida at USF, Tampa, FL; and Andrew Seely, Cyber Florida Consultant, Tampa, FL

**12:10**

**Adjourn for Lunch**

Location: Great Egret A

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**C4-ENERGY**



**Friday, September 19, 2025**

**C4-Energy**

**8:30 am – 10:10 am**

**Moderator:** Tori Deal, Public Affairs Advisor, Holland & Knight, Tallahassee, FL

**8:30 am**

**Energy Security in the Age of AI: Natural Gas as the Backbone of Reliability and Affordability**

Daniela Delpino, MBA, Environmental Engineer, Florida Municipal Power Agency, Orlando, FL

**8:55 am**

**Adaptation Strategies for Climate-related Hazards**

Byron T. Burrows, PE, BCEE, Director, Environmental Services, TECO, Tampa, FL

**9:20 am**

**Strengthening Energy Resilience: City of St. Petersburg**

Maeven Rogers, Director of Sustainability & Resilience, City of St. Petersburg, St. Petersburg, FL

**9:45 am**

**Energy Efficiency Improvements as a Solution to Reduce Household Energy Cost Burdens**

Kim Ross, PMP, Co-Executive Director, ReThink Energy Florida, Tallahassee, FL

**10:10 am**

**Professional Exchange Break**

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## **D1 - INFRASTRUCTURE**



**Wednesday, September 17**

**Session D1 - Infrastructure**

**3:20 pm – 5:40 pm**

**3:20 pm**

**Resilient Florida Program Policy Updates**

Eddy Bouza, Program Management Director, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL

**3:40 pm**

**Hybrid Reefs and Living Shorelines: Collaborative Solutions for Coastal Resilience in South Florida**

- Marian G. Alicea, PE, Assistant Vice President, Coastal Engineer, WSP, Miami, FL
- Greg Corning, PE, Assistant Vice President, Civil Engineer, WSP, Bradenton, FL
- Landolf Rhode-Barbarigos, PhD, Associate Professor, University of Miami, Miami, FL
- Samantha Tiffany, Environmental Resources Manager, Environment & Sustainability Department, City of Miami Beach, FL

**4:15 pm**

**Innovating Coastal Resilience through Native Landscaping and Living Seawalls: A Case Study of Green-Gray Infrastructure in Fort Lauderdale, Florida**

Stephanie Dunn, Associate, Florida Master Naturalist, Cadence, Wilton Manors, FL and Madisen Rieger, Project Lead, Kind Designs, Miami, FL

**4:35 pm**

**Advanced Dredging Methods for Community and Environmental Improvement**

Mackenzie Hudson, Coastal Engineering Specialist, Scientific Diver, Stantec Consulting Services, Naples, Florida

**4:55 pm**

**Improving Infrastructure and Ecosystem Resilience in the Pensacola Bay Estuary**

Bret Webb, Vice President, Goodwyn, Mills & Cawood, Mobile, AL

**5:15 pm**

**Resiliency in Naples, Florida: Stormwater, Beach Outfalls and Raising Road Elevations**

Peter Seidle, PE, Coastal Practice Area Leader, GRAEF, Sarasota, FL and Sergio Hoyos, PE, Senior Associate, Stantec, Sarasota, FL

**5:35 pm**

**Adjourn**

**5:45 pm – 6:45 pm**

**Welcome Reception**

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## **D2 - INFRASTRUCTURE**



**Thursday, September 18**

**Session D2 – Infrastructure**

**8:00 am – 10:10 am**

**8:00 am**

**Professional Exchange Break – Morning Sunshine Break**

*sponsored by*



**8:30 am**

**Adaptive Solutions That Work Within Existing Environments**

Rachel Zastrow, Coastal Engineer, Stantec Consulting Services, Inc., Tampa, Florida

**8:50 am**

**Engineering with Nature to Protect Navy Assets**

Michael Herrman, Vice President, Moffatt & Nichol, Tampa, Florida

**9:10 am**

**DarkSky Port Lighting Certification - Resilient Lighting for Port Marine Terminals**

Derek Sears, PE, Senior Electrical Engineer, Hall Engineering Group, Tampa, FL and Jose De Jesus, Director of Engineering, Port Tampa Bay

**9:30 am**

**Restoring Resilience at J.N. “Ding” Darling National Wildlife Refuge: A Tidal Ecosystem Revival**

Carlton Spirio, Section Director Drainage/Environmental Group, Burgess & Niple, Inc., Tampa, FL and Robert M. Gerwig, Deputy Wildlife Refuge Manager, U.S. Fish and Wildlife Service,

**9:50 am**

**Restoration to Resilience: Enhancing Shorelines in Manatee County through Ecosystem-based Solutions**

Sherri Swanson, Ecological & Marine Resources Division Manager, Whitney Costner, Ecological Resources Section Manager, and Natalie Moreno, Ecological Resource Coordinator, Manatee County Natural Resources Department, Bradenton, FL

**10:10 am**

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## **D3 – INFRASTRUCTURE**



**Thursday, September 18**

**Session D3 – Infrastructure**

**10:40 am – 12:10 pm**

**10:40 am**

**Lower Peninsula Stormwater Improvements – The City of Tampa’s nature-based solution to urban flooding that improves water quality for Hillsborough Bay**

Chris Chandler, PE and Daniel Parksons, PE, Water Resources, AtkinsRéalis, Tampa, FL

**11:00 am**

**Unlocking Nature: Rethinking Permitting Pathways**

Nicholas Muzia, Engineer, Sea & Shoreline, Ruskin, FL; *other speakers being invited*

**11:30 am**

**Enhancing Coastal Resilience through Emergency Ferry Services - A Feasibility Study for Southwest Florida**

Charlene Ross, Modal Project Manager, Florida Department of Transportation, District 1, Bartow, FL and Janet Luce, Senior Project Manager, AtkinsRéalis, Cocoa Beach, FL

**11:50 am**

**Erosion and Accretion in Motion: How Machine Learning Can Optimize Nature-based Solutions and Support Adaptive Coastal Management**

Joseph Schmidt, PE, Lead Nature-based Solutions Engineer, Conservation International, Arlington, Virginia

**12:10 pm**

**Adjourn for Lunch**

Location: Great Egret A

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## **D4 - INFRASTRUCTURE**



**Friday, September 19, 2025**

**Session D4 – Infrastructure**

**8:30 am – 10:10 am**

**8:30 am**

**Orlando's Investment in Stormwater Data Pays Dividends in Mapping Flood Risk across the City**

Max Wallace, PE, Senior Engineer, Drummond Carpenter, PLLC, Maitland, FL

**8:50 am**

**Smart Planning for Zero Waste in Miami-Dade County**

Randall Russell, Project Manager, WSP USA, Miami, FL and Nick Ciancio, Resilience Division Director, Miami-Dade County Department of Solid Waste Management; and Alex Nadolishny, Waste-to-Energy Technical Expert/Assistant Vice President, WSP, USA, Los Angeles, CA

**9:10 am**

**The My Safe Florida Home Program**

Gustavo Fusaro, Senior Project Manager, AtkinsRealis, Tampa, FL and Steven Fielder, Chief Financial Officer, Florida Department of Financial Services, Tallahassee, FL

**9:30 am**

**Regional Substantial Damage Response Planning, Can It Work?**

Chris Huch, Hazard Mitigation Planning Specialist, Black & Veatch Corp. Paramus, NJ

**9:50 am**

**Hybrid Living Shorelines Reduce Wave Loads on Coastal Infrastructure: Insights for Florida Resilience Projects**

Edwin Rajeev, Project Engineer, Cummins Cederberg, Miami, FL

**10:10 am**

**Professional Exchange Break**

DRAFT (09-02-25)  
**2025 Florida Resilience Conference**  
*featuring the 68<sup>th</sup> FSBPA Annual Meeting*  
**September 17-19, 2025 ♦ Sunseeker Resort ♦ Charlotte Harbor, FL**

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## **Special Activities – Thursday afternoon, September 18, 2025**

### **Thursday afternoon, September 18, 2025**

**2:00 - 4:00 pm**

**Games and Cocktails by the Reflections Pool with Live Wildly Foundation**

Location: Reflections Pool

**2:15 pm - 4:00 pm**

**Florida Resilience Roundtable Discussion**

Location: Royal Tern B

**4:00 pm - 4:30 pm**

**Resiliency Florida Annual Membership Meeting**

Location: Royal Tern B

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## **CLOSING GENERAL SESSION**

**Friday, September 19, 2025**

**Closing General Session**

**10:40 am – 12:25 pm**

**10:40 am**

**2025 Student Scholarship Presentations**

presented by Lauren Floyd, Scholarship Awards Committee Member

**10:45 am**

**From Policy to Practice: Integrating NEPA Changes and the new DoD NEPA Implementing Procedures into USACE Civil Works**

Gretchen Ehlinger, PhD, Chief, Environmental Branch, Planning and Policy Division, US Army Corps of Engineers, Jacksonville District

**11:05 am**

**Florida Climate Review: A Look at Past Events and What to Expect in the Next Year**

Emily Powell, PhD, Assistant State Climatologist, Florida State University, Tallahassee, FL

**11:25 am**

**Water Management Districts: The Importance of Resilience Planning for Florida's Water Future**

Moderator: Ann Shortelle, PhD, Senior Scientist, Bio-Tech Consulting

**11:55 am**

**Closing the Gap: State and Local Solutions to Federal Funding Cuts**

Moderator: Irela Bagué, Director of Governments & Water Resilience, Black & Veatch

**12:25 pm**

**Conference Adjourns**