



4TH ANNUAL CONFERENCE

Adapting Today; Powering Tomorrow!

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



2025 Florida Resilience Conference
featuring the 68th FSBPA Annual Meeting
September 17-19, 2025 ♦ Sunseeker Resort ♦ Charlotte Harbor, FL

OPENING GENERAL SESSION

Location: Great Egret A

Wednesday, September 17

Opening General Session

1:00 pm – 2:50 pm

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

1:00 pm

Call to Order

Janet Zimmerman, Chair, FSBPA and Executive Director, Florida Inland Navigation District, Jupiter, FL and
Jessica Beach, PE, Chief Resilience Officer, City of St Augustine, 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

- Eddy Bouza, Chief Resilience Officer, Resilient Florida Program Director, State of Florida, Tallahassee, FL
- Julie Dick, Esq, AICP, Deputy Chief Resilience Officer, Office of Environmental Risk and Resilience, Miami Dade County, Miami, FL
- Tim Gysan, PE, PMP, Chief Ecosystem Projects Section and Resiliency Coordinator, Ecosystem Branch Programs & Project Management Division (PPMD) USACE Jacksonville District, Jacksonville, FL
- Jennifer Jurado, PhD, Chief Resilience Officer, Deputy Director, Resilient Environment Department at Broward County, Fort Lauderdale, FL
- Sonia Brubaker, Chief Resilience Officer & Director, Office of Resilience and Sustainability, City of Miami, FL

2:50 pm

Professional Exchange Break – Ice Cream Social

sponsored by



Stantec

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A1 – SMART PLANNING

sponsored by



Location: Silver Perch

Wednesday, September 17

Session A1 – Smart Planning

3:20 pm – 5:30 pm

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

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 Max Wallace, PE, Drummond Carpenter, PLLC, Maitland, 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

Specialty Cocktails sponsored by

Hors d'oeuvres sponsored by

5:45 – 6:45 pm Welcome Reception



2025 Florida Resilience Conference
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A2 – SMART PLANNING

Location: Silver Perch

sponsored by



Thursday, September 18

Session A2 – Smart Planning

8:00 am – 10:10 am

8:00 am

Professional Exchange Break – Morning Sunshine Break

sponsored by



Moderator: Angela Ryan, Technical Director, Site Investigation and Remediation - Environmental Impact Assessment, WSP, Tampa, FL

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](#)

John Nemenyi, EI, Jones Edmunds & Associates, Inc., 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

Location: Silver Perch

sponsored by 

Thursday, September 18

Session A3 – Smart Planning

10:40 am – 12:10 pm

Moderator: Niki Desjardin, Director of Operations, Ecological Associates, Inc., Jensen Beach, FL

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, Vice President, Climate Resilience and Sustainability, WSP, Miami, FL
- Julie Dick, Esq, AICP, Deputy Chief Resilience Officer, Office of Environmental Risk and Resilience, Miami Dade County, Miami, FL
- [Christian Kamrath, Resilience Program Manager, Miami-Dade County, Miami, FL](#)

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

Location: Silver Perch

sponsored by



Friday, September 19, 2025

Session A4 – Smart Planning

7:45 am – 10:10 am

7:45 am

Professional Exchange Break – Friday Morning Breakfast

sponsored by



A4 Session Sponsor

Moderator: [Brent Whitfield, PE, Director-Water Resources, Chen More & Associates, Fort Lauderdale, FL](#)

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; Anne DeBoer, Associate Vice President (AVP), Associate Principal, Buildings + Places Consulting, AECOM, New York, NY; and Randy Deshazo, MA, MUP, Deputy Director, Director of Economic Development and Research, South Florida Regional Planning Council, Hollywood, FL

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 – Morning Beverage Break

sponsored by



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B1 – BEACHES

Location: Royal Tern A

sponsored by



Wednesday, September 17

Session B1 – Beaches

3:20 pm – 5:30 pm

Moderator: Mike McGarry, Assistant Director, Brevard County Natural Resources Management, Viera, FL



B1 Session Sponsor

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

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5:45 – 6:45 pm

Welcome Reception



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B2 – BEACHES

Location: Royal Tern A



Thursday, September 18, 2025

Session B2 – Beaches

8:00 am – 10:10 am

8:00 am

Professional Exchange Break – Morning Sunshine Break

sponsored by



B2 Session Sponsor

Moderator: Moderator: Andrew Studdt, Program Supervisor, Coastal Resources Management, Palm Beach County, West Palm, Beach, FL

8:30 am

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

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

Location: Royal Tern A



Thursday, September 18, 2025

Session B3-Beaches

10:40 am – 12:10 pm



B3 Session Sponsor

Moderator: James Gray, Executive Director, Sebastian Inlet District, Indian River County, FL

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
- 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
- Kim Jackson, GIS Manager and State Geographic Information Officer, FDEP, Tallahassee, FL
- Alex Reed, Director, Office of Resilience 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

Location: Royal Tern A



Friday, September 19, 2025

Session B4-Beaches

7:45 am – 10:10 am

7:45 am

Professional Exchange Break – Friday Morning Breakfast

sponsored by



Moderator: Jessica Garland, Coastal Program Manager, Martin County, Stuart, FL

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

Katie Bauman, Florida Regional Policy Manager, Surfrider Foundation, Jacksonville, FL and Diana Ferguson, Shareholder, Rutledge Ecenia, Tallahassee, FL

10:10 am

Professional Exchange Break – Morning Beverage Break

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C1-ENERGY

Location: Palometa



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's Energy Cost

- 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



Hors d'oeuvres sponsored by



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C2–ENERGY

Location: Palometa



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

Matt Silver, Director Development, FPL, Juno Beach, FL

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

Location: Palometa



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

Jamie Gentile, Executive Director Development, FPL, Juno Beach, FL; Lucas Botero, PE, BCEE, Lead Engineer, Black & Veatch, West Palm Beach, FL; and James Ferguson, PE, Assistant Director, Miami-Dade Water and Sewer Department, Miami-Dade County, Miami, FL

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

Location: Palometa



Friday, September 19, 2025

C4-Energy

7:45 am – 10:10 am



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

C4 Session Sponsor

7:45 am

Professional Exchange Break – Friday Morning Breakfast

sponsored by



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 – Morning Beverage Break

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D1 – INFRASTRUCTURE

Location: Royal Tern B

sponsored by



Wednesday, September 17

Session D1 - Infrastructure

3:20 pm – 5:40 pm



Goodwyn Mills Cawood

D1 Session Sponsor

Moderator: Lynette Cardoch, Director, Resilience & Adaptation, Moffatt & Nichol, Miami, FL

3:20 pm

Resilient Florida Program Policy Updates

Eddy Bouza, Chief Resilience Officer, Resilient Florida Program Director, State of Florida, 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

Specialty Cocktails sponsored by

Hors d'oeuvres sponsored by

5:45 pm – 6:45 pm

Welcome Reception



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D2 – INFRASTRUCTURE

Location: Royal Tern B

sponsored by  **AtkinsRéalis**

Thursday, September 18

Session D2 – Infrastructure

8:00 am – 10:10 am

8:00 am

Professional Exchange Break – Morning Sunshine Break

sponsored by



Moderator: Maria Honeycutt, PhD, National Director for All-Hazards Resiliency, AtkinsRéalis, Calverton, MD

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

Professional Exchange Break – Morning Beverage Break

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D3 – INFRASTRUCTURE

Location: Royal Tern B

sponsored by  **AtkinsRéalis**

Thursday, September 18

Session D3 – Infrastructure

10:40 am – 12:10 pm

Moderator: Whitney Gray, Florida Resilience Program Manager, Michael Baker International, Tallahassee, FL

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 Parsons, PE, Water Resources, AtkinsRéalis, Tampa, FL

11:00 am

[Unlocking Nature: Rethinking Permitting Pathways](#)

Moderator: Nicholas Muzia, PE, Principal Engineer & Design Build Project Manager. Sea & Shoreline LLC, Ruskin, FL

- Jessica Cordwell, Program Manager Regulatory Division, U.S. Army Corps of Engineers, Tampa, FL
- Tracey Piccone, PE, Chief Consulting Engineer Water Quality Treatment Technologies Section, South Florida Water Management District, West Palm Beach, FL
- Krista Slyter, Assistant Vice President, Coastal Restoration Specialist, WSP, Tallahassee, FL
- Ryan Snyder, Permitting Program Administrator, Florida Department of Environmental Protection, Fort Myers, FL

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, PMP, 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, VA

12:10 pm

[Adjourn for Lunch](#)

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D4 – INFRASTRUCTURE

Location: Royal Tern B

sponsored by  **AtkinsRéalis**

Friday, September 19, 2025

Session D4 – Infrastructure

7:45 am – 10:10 am

7:45 am

Professional Exchange Break – Friday Morning Breakfast

sponsored by



Moderator: Brett Cyphers, Director of Government Affairs, Sea & Shoreline, LLC, Ruskin, FL

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 Rachel Brown, Civil Engineer, WSP, Ann Arbor, MI

9:10 am

[The My Safe Florida Home Program](#)

Gustavo Fusaro, Senior Project Manager, AtkinsRealis, Tampa, 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 – Morning Beverage Break

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2025 Florida Resilience Conference
featuring the 68th FSBPA Annual Meeting
September 17-19, 2025 ♦ Sunseeker Resort ♦ Charlotte Harbor, FL

Special Activities – Thursday, September 18, 2025

Thursday, September 18, 2025

2:00 - 4:00 pm

Games and Cocktails by the Reflections Pool

Location: Reflections Pool

 **sponsored by** *foundation*

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

6:00 pm – 6:30 pm

Cash Bar (FSBPA Annual Awards Banquet)

Location: Great Egret Foyer

6:30 pm – 8:30 pm

68th Annual FSBPA Awards Banquet

Location: Great Egret A

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CLOSING GENERAL SESSION

Location: Great Egret A

Friday, September 19, 2025

Closing General Session

10:40 am – 12:25 pm

Moderator: Pepper Uchino, President, Florida Shore and Beach Preservation Association, Tallahassee, FL

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, U.S. Army Corps of Engineers, Jacksonville District, Jacksonville, FL

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

- Carolina Maran, PhD, PE, Division Director, Flood Control and Water Supply Planning Chief of District Resiliency, South Florida Water Management District
- Leroy Marshal, PE, PMP, CRM, Director, Resource Management & Projects Division, Suwannee River Water Management District, Live Oak, FL
- Mary-Margaret Hull, PMP, APR, Senior Planner / Resilience Coordinator, Southwest Florida Water Management District
- John Crowe, Jr, Chief, Bureau of Hydrologic Assessment, Resilience, and Response, Northwest Florida Water Management District
- Thomas Frick, Chief Resilience Officer, St Johns River Water Management District, Palatka, FL

11:55 am

The New Florida Office of Ocean Economy: What to Expect, and How You Can Help

Colin Polsky, PhD, Associate Vice President, Broward Campuses, Professor of Geosciences, Florida Atlantic University, Davie, FL

12:05 pm

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

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

- Commissioner Joseph Tisio, Charlotte County
- Fernando A. Vazquez, Councilmember, Village of Key Biscayne, FL
- Eddy Bouza, Chief Resilience Officer, Resilient Florida Program Director, State of Florida, Tallahassee, FL

12:35 pm

Conference Adjourns