

THE FUTURE IS NOW

2nd Annual



featuring the 66th FSBPA Annual Meeting

September 27-29, 2023

**Marriott Harbor Beach Resort
Fort Lauderdale, Florida**



FLORIDA SHORE & BEACH
PRESERVATION ASSOCIATION

hosted by



RESILIENCY
FLORIDA

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At **Florida Power & Light Company** we are **working together with the communities we serve** to make Florida an even better place to raise a family and do business.

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CHANGING THE CURRENT.



2nd ANNUAL FLORIDA RESILIENCE CONFERENCE

featuring the 66th FSBPA Annual Meeting



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Kelly Flowers Hass, Edmunds and Associates, Inc.
Catherine Prince, WSP

STAFF

David Rathke, Executive Director

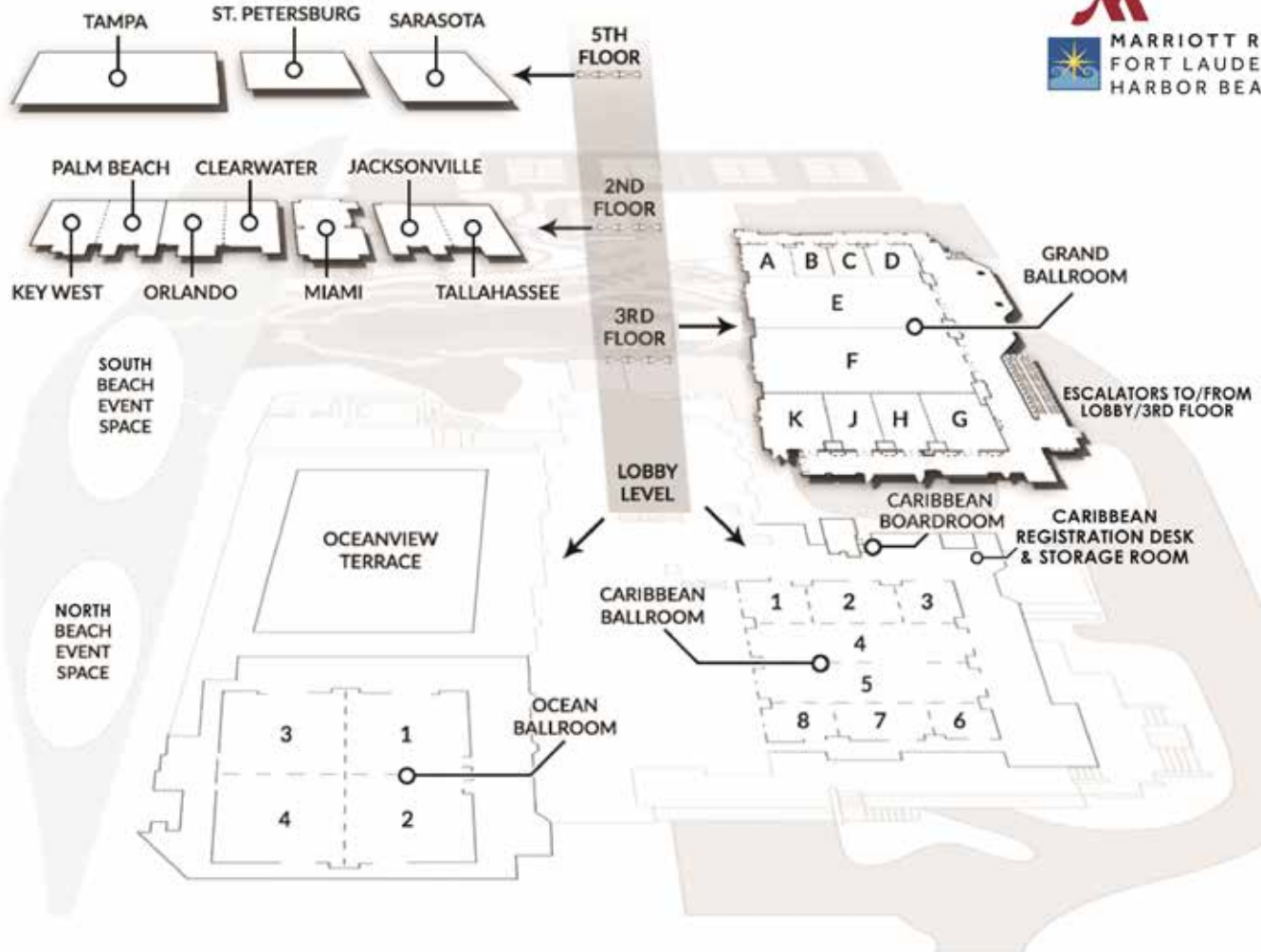
Florida Resilience Conference Planning

We would like to express our sincere appreciation to the following individuals for their help in developing this year's conference program:

Lynette Cardoch, Moffatt & Nicol
Tori Deal & Jon Stevenson, Holland & Knight LLP
Niki Desjardin, Ecological Associates, Inc.
Whitney Gray, Michael Baker International, Inc.
Denise Imbler, Florida Regional Councils Association
Claire Jubb, Charlotte County
Catherine Prince, WSP
Diep Tu, Florida Prestressed Concrete Association

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Registration Desk
Exhibit Hall
Welcome Reception (Wednesday)
Professional Exchange Breaks
General Session & Lunch
Cocktail Hour Reception (Thursday)
FSBPA Awards Banquet

Sessions A
Sessions B
Sessions C
Sessions D

Caribbean Foyer, 1st level
Grand Salon F-K, 3rd level
Grand Salon F-K, 3rd level
Grand Salon F-K, 3rd level
Caribbean Ballroom, 1st level
Caribbean Foyer, 1st level
Caribbean Ballroom, 1st level

Grand Salon A-B, 3rd level
Grand Salon E, 3rd level
Grand Salon C, 3rd level
Grand Salon D, 3rd level

Schedule at a Glance

Wednesday, September 27, 2023				
1:00 - 2:55 pm	Opening General Session (Caribbean Ballroom) 1st Level			
2:55 - 3:25 pm	Professional Exchange Break (Exhibit Hall)			
3:25 - 5:35 pm	A-1 Smart Planning (Grand Salons A.B)	B-1 Beach Management (Grand Salon E)	C-1 Energy (Grand Salon C)	D-1 Infrastructure (Grand Salon D)
6:00 - 7:00 pm	Welcome Reception (Exhibit Hall-Grand Salon F-K) 3rd Level			
Thursday September 28, 2023				
8:00 - 8:30 am	Professional Exchange Break (Exhibit Hall-Grand Salon F-K) 3rd Level			
8:30 - 10:10 am	A-2 Smart Planning (Grand Salons A.B)	B-2 Beach Management (Grand Salon E)	C-2 Energy (Grand Salon C)	D-2 Infrastructure (Grand Salon D)
10:10-10:40 am	Professional Exchange Break (Exhibit Hall-Grand Salon F-K) 3rd Level			
10:40 am - 12:10 pm	A-3 Smart Planning (Grand Salons A.B)	B-3 Beach Management (Grand Salon E)	C-3 Energy (Grand Salon C)	D-3 Infrastructure (Grand Salon D)
12:15 - 1:15 pm	General Session Luncheon - sponsored by Autodesk (Caribbean Ballroom) 1st Level			
5:30 - 6:30 pm	Cocktail Reception - sponsored by Live Wildly Foundation (Caribbean Foyer) 1st Level			
6:30 - 8:30 pm	FSBPA Awards Banquet (Caribbean Ballroom) 1st Level			
Friday September 29, 2023				
7:45 - 8:30 am	Professional Exchange Break (Exhibit Hall-Grand Salon F-K) 3rd Level			
8:30 - 10:10 am	A-4 Smart Planning (Grand Salons A.B)	B-4 Beach Management (Grand Salon E)	C-4 Energy (Grand Salon C)	D-4 Infrastructure (Grand Salon D)
10:10 - 10:35 am	Professional Exchange Break (Exhibit Hall-Grand Salon F-K) 3rd Level			
10:35 am - 12:25 pm	Closing General Session (Caribbean Ballroom) 1st Level			
12:25 pm	Conference Adjourns			



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Wednesday, September 27, 2023
1:00 pm - 2:50 pm

OPENING GENERAL SESSION
LOCATION: CARIBBEAN BALLROOM, 1st level

Moderator: Charlie Hunsicker, FSBPA Director and Natural Resources Department Director, Manatee County

1:00 pm

Call to Order

Charlie Hunsicker, Manatee County and FSBPA Director; Roxanne Horvath, Vice Mayor, City of St. Augustine and Resiliency Florida Co-Chair

1:10 pm

Welcome and Opening Remarks

Mayor Lamar Fisher, Broward County, District 4

1:20 pm

Video Presentation by Florida Senate President, Kathleen Passidomo, District 28

1:25 pm

The Future is Here: Adaptation in Florida

Wesley Brooks, PhD, Chief Resilience Officer, State of Florida, Tallahassee, FL

1:45 pm

Florida Division of Environmental Protection - A Statewide Assessment on Resilience

Adam Blalock, Deputy Secretary and Alex Reed, Director, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee, FL

2:10 pm

Florida Division of Emergency Management: Where Readiness and Recovery meet Resilience

Luke Strickland, Chief of Staff, Florida Division of Emergency Management, Tallahassee, FL

2:30 pm

From Panic to Preparedness: Lessons in Crisis Communication

Michael Balboni, President and Managing Director, RedLand Strategies, New York, NY

2:50 pm

Professional Exchange Break, Ice Cream Social

Location: Exhibit Hall (Grand Salons F- K), 3rd level

Sponsored by





2nd ANNUAL FLORIDA RESILIENCE CONFERENCE

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Wednesday, September 27, 2023
3:25 pm - 7:00 pm

A1-Smart Planning

LOCATION: GRAND SALONS A-B

Moderator: Sonia Brubaker, Chief Resilience Officer, Director, Office of Resilience and Sustainability, City of Miami

3:25 pm

Empowering Individual Resilience: Miami Beach's Private Property Adaptation Program

Alec Bogdanoff, Principal, Brizaga, Fort Lauderdale, FL; and Amy Knowles, Chief Resilience Officer, City of Miami Beach, FL

3:45 pm

Equity in Resilience: Lessons Learned on Closing the Gap Between Intention & Reality

Renee Collini, Director, Gulf Center for Equitable Climate Resilience, The Water Institute, Baton Rouge, LA

4:05 pm

Integrating Equity Considerations in Resiliency Planning

Nicole Cortez, District Resiliency Coordinator, SFWMD, West Palm Beach

4:25 pm

A New Model for VAs: Critical Housing Assets and Compounding Vulnerabilities in the ECFR2C

Andrea Galinski, Assistant Professor, University of Florida, Gainesville, FL; and Brenda Defoe-Surprenant, Director of Planning, East Central Florida Regional Planning Council, Orlando, FL

4:45 pm

Building Resilience, from the Community to the Region through Design Research

Jeff Carney, Director and Associate Professor, Florida Institute for Built Environment Resilience (FIBER), University of Florida, Gainesville, FL; and Carla Brisotto, Post-Doctoral Associate, University of Florida, Gainesville, FL

5:15 pm

Legal Issues Raised in Adaptation Response

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

5:35 pm Adjourn

6:00 - 7:00 pm

Welcome Reception

Location: Exhibit Hall (Grand Salons F-K)

Specialty Cocktails sponsored by

B1-Beach Management

LOCATION: GRAND SALON E

Moderator: Janet Zimmerman, FSBPA Secretary/ Treasurer and Assistant Executive Director, Florida Inland Navigation District, Jupiter

3:25 pm

Broward County: The Road to Restoration and Resilience

Representative Chip LaMarca, District 100, Consists of part of Broward County; Jennifer Jurado, Chief Resilience Officer, Deputy Department Director, Broward County, Fort Lauderdale, FL; and Chris Creed, P.E., Vice-President, Olsen Associates, Inc., Jacksonville, FL

3:55 pm

How Three Coastal Communities Came Together to Build a Successful Regional Project: The Boca, Deerfield and Hillsboro 2023 Projects

Michael Jenkins, Sr. Principal, Geosyntec-ATM, West Palm Beach, FL; Peter Seidle, Moffatt & Nichol, West Palm Beach, FL; and Thomas Pierro, Principal Engineer, Coastal Protection Engineering, Boca Raton, FL

4:25 pm

Florida's Coral Reef: Developing Innovative Flood and Shoreline Protection Projects in South Florida

Joanna Walczak, Administrator, Coral Protection and Restoration Program, Florida Department of Environmental Protection, Dania Beach, FL

4:45 pm

Post Hurricane Beach Projects – Tips for a Better Experience

Trisston Brown, Section Chief, Coastal/Navigation-North, Water Resources Branch, Programs and Project Management Division, U.S. Army Corps of Engineers, Jacksonville, FL; Gregory Garis, Program Administrator, Florida Department of Environmental Protection, Tallahassee, FL; and Bob Glassen, Beach Specialist, Public Assistance Branch, FEMA Headquarters, Washington, DC

5:35 pm Adjourn





Wednesday, September 27, 2023
3:25 pm - 7:00 pm

ATKINS
Member of the SNC-Lavalin Group

C1-Energy

LOCATION: GRAND SALON C

Moderator: Pepper Uchino, President, FSBPA, Tallahassee

3:25 pm

Keeping the Lights on: Present and Future Grid Resilience Efforts

Robert Gaddis, Director, Storm Secure Underground Program, Florida Power & Light, Jupiter, FL; Will Haffecke, Director of Operations, Chesapeake Utilities Corporation, Fernandina Beach, FL; Brian Lloyd, General Manager, FL Major Projects Customer Delivery, Duke Energy, Winter Haven, FL; and Michael Ohlsen, Clean Energy and Resource Planning Manager, City of Tallahassee Utilities, Tallahassee, FL

4:15 pm

Energy Efficiency – The Foundation of Resilience

Jia Jung (John) Leong, Energy Engineer, WSP, Gainesville, FL

4:35 pm

Unlocking Building Resilient Infrastructure and Communities (BRIC) Grants for Energy Resilience Through Innovative Local Partnerships

Julie Dennis, CEO, OVID Solutions, Tallahassee, FL; Jeff Manning, MPA, FPEM, Senior Planner, Monroe County Emergency Management, Key West, FL; and Curtis Wynn, CEO, SECO Energy, Sumterville, FL

5:05 pm

Planet in Jeopardy: Recycling, Resiliency, and Renewable Energy

Dave Robau, CEM, LEED AP BD+C, CEO & Chief Scientist, National Energy USA, Pensacola, FL

5:25 pm

Session Q&A

5:35 pm Adjourn

6:00 - 7:00 pm

Welcome Reception

Location: Exhibit Hall (Grand Salons F-K)

Hors d'oeuvres sponsored by



Kiewit



D1-Infrastructure

LOCATION: GRAND SALON D

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

Session Sponsored by

Michael Baker

INTERNATIONAL

3:25 pm

State and Regional Initiatives to Build More Resilient Transportation Systems

Tony Frye, State Transportation Resilience Officer, Florida Department of Transportation, Tallahassee, FL; and James Poole, District Drainage Engineer - District 4, Florida Department of Transportation, Fort Lauderdale, FL

3:55 pm

Roadmap to Resiliency: Analyzing Changes in the Exceedance of Water Level Thresholds and Impacts on FDOT's Coastal Assets

Leonard Barrera Allen, Senior Engineer, Cummins Cederberg, Inc., Coral Gables, FL; and Cortney Cortez, The Balmoral Group, Winter Park, FL

4:15 pm

Success Stories in Transportation Infrastructure Resilience and Sustainability Programs

Hannah Hart, Project Management, Dewberry Engineers Inc., Orlando, FL; Mat Mampara, PE, Director of Innovation, Resilience Solutions, Dewberry Engineers Inc., Fairfax, VA; and Ben Moore, ACIP, LEED AP O+M, Sustainability Leader, RS&H, Miami, FL

4:35 pm

Preparing Florida for a Future in Green Infrastructure: Living Shorelines Training for Marine Contractors

Mandy Baily, Florida Sea Grant Living Shoreline Program Assistant, Cocoa Beach, FL; and Vincent Encomio, PhD, UF/IFAS Sea Grant Extension Agent for Martin and St Lucie Counties, Stuart, FL

4:55 pm

The Resilient T.O.E. (Technology/Operations/Engineering): Integrated Management in Utilities Provides for Adaptation and Ability to Plan, Build, Operate and Manage Sustainable Systems

Eva Arnaiz Garcia, Aqualia, Country Manager, USA; Luis Casado, Global Director, Hatch Associates Consultants, Inc.; and Carolina Venegas Martinez, Autodesk Industry Strategist

5:35 pm Adjourn



moffatt & nichol

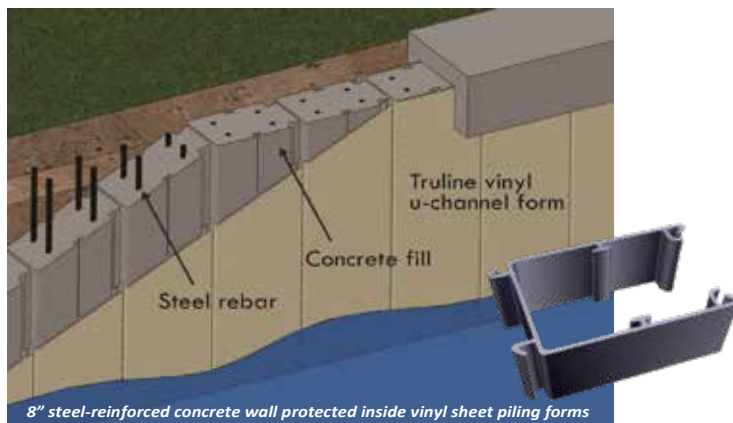
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2nd ANNUAL FLORIDA RESILIENCE CONFERENCE

featuring the 66th FSBPA Annual Meeting



Thursday, September 28, 2023
8:00 am - 10:10 am

A2-Smart Planning

LOCATION: GRAND SALONS A-B

B2-Beach Management

LOCATION: GRAND SALON E

8:00 am Professional Exchange Break, Morning Sunshine Break

Location: Exhibit Hall (Grand Salons F-K) 3rd level

sponsored by



Moderator: Pepper Uchino, President, FSBPA, Tallahassee

8:30 am

Using Regional Collaboration to Implement Resilience Plans at the County Level

Megan Houston, Chief Resilience Officer, Palm Beach County, West Palm Beach, FL; Greg Mount, Assistant Chief Resilience Officer, Broward County, Fort Lauderdale, FL; and James Murley, JD, Chief Resilience Officer, Miami-Dade County, Miami, FL

9:00 am

Critical Collaboration in Resilience

Keith Clinkscale, Director of Strategic Planning and Performance Management, Palm Beach County, West Palm Beach, FL; Megan Houston, Chief Resilience Officer, Palm Beach County, West Palm Beach, FL; and Lindsey Roland Nieratka, Sustainability Manager, City of Boca Raton, Boca Raton, FL

9:30 am

Mission Assurance through Community Resilience: South Florida Case Study

Susy Torriente, Jacobs, Orlando, FL

9:50 am

Preparing for the Unpredictable: Emergency Preparedness and the SAFETY Act Journey

John Petrone, Senior Managing Partner, Petrone Risk, Uniondale, NY

Moderator: Joshua Revord, FSBPA Director and Director of Port, Inlet & Beaches, St. Lucie County, Fort Pierce

8:30 am

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

James L. Booth, Commander, Jacksonville District, U.S. Army Corps of Engineers

8:50 am

The Evolving World of Coastal Storm Damage Reduction Planning with USACE (and how you can navigate the changes)

Eric P. Summa, Chief, Planning and Environmental Policy, South Atlantic Division, U.S. Army Corps of Engineers

9:10 am

The Corps and Easements

Milan Mora, PE, Chief, Water Resources Branch, Jacksonville District, U.S. Army Corps of Engineers

9:30 am

DEP Beach Management and Regulatory Updates

Lainie Edwards, PhD, Deputy Director, Florida Department of Environmental Protection, Tallahassee, FL

9:50 am

The Lee County Beach Management Program – Leveling Up

Jackie Brower, Coastal Engineer, Moffatt & Nichol, Fort Lauderdale, FL; and Kevin Bodge, PhD, Olsen Associates, Inc., Jacksonville, FL

10:10 am Professional Exchange, Mid-Morning Beverage Break

Location: Exhibit Hall (Grand Salons F-K) 3rd level

sponsored by





Thursday, September 28, 2023
8:00 am - 10:10 am

ATKINS
Member of the SNC-Lavalin Group

C2-Energy

LOCATION: GRAND SALON C

D2-Infrastructure

LOCATION: GRAND SALON D

8:00 am Professional Exchange, Morning Sunshine Break

Location: Exhibit Hall (Grand Salons F-K) 3rd level

sponsored by



Moderator: Lenny Salvo, Coreslab Structures, Inc.,
Orlando

8:30 am

Distributed Energy: Residential and Commercial Solar

Ben Millar, President, Florida Solar Energy Industries Association, Tampa, FL

8:50 am

In the Mix: The Future of Power Generation

Jose Aponte, Generation Planning Manager, TECO, Tampa, FL; Ben Borsch, Managing Director, FL Resource Planning, Duke Energy, Tampa, FL; Mark Cutshaw, Generation Director, Chesapeake Utilities Corporation, Yulee, FL; and Brandon Stankiewicz, Vice President, Universal Solar Development, Florida Power & Light, Jupiter, FL

9:30 am

Flight to the Future: Airports as Energy Innovators

Masjood Jafri, Resilience Market Director, Atkins Global, Houston, TX

9:50 am

Superconductivity and Fusion: Laying the Foundations for Florida's Energy Future

Jeffrey Whalen, PhD, Director, Magnetics Corporation, Tallahassee, FL

Moderator: Danielle Irwin, Senior Director,
Cummins Cederberg, Inc., Tallahassee

8:30 am

Building Resiliency through Hydrological Restoration

Nicole Iadevaia, Director of Research & Restoration, Coastal & Heartland National Estuary Partnership (CHNEP), Port Charlotte, FL

8:50 am

The Importance of Inland Freshwater Wetlands for Statewide Resilience

Elizabeth Alvi, Sr. Director of Policy, Audubon Florida, Tallahassee, FL

9:10 am

Design and Performance of WAD's Artificial Reef System at E.G. Simmons Regional Park, Tampa Bay, Florida

Ping Wang, PhD, Professor, University of South Florida, Tampa, FL

9:30 am

Green and Gray Infrastructure for Climate Resilience and Community Revitalization

Diane Quigley, Senior Project Manager, Florida Resilience Lead, Stantec Consulting Inc., Tallahassee, FL

9:50 am

A Risk-Based Approach for Sustainable Shoreline Protection along the Northern Gulf of Mexico

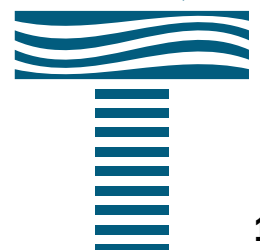
Meg Goecker, Project Manager, Moffatt & Nichol, Mobile, AL

10:10 am Professional Exchange Mid-Morning Beverage Break

Location: Exhibit Hall (Grand Salons F-K) 3rd level

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featuring the 66th FSBPA Annual Meeting



Thursday, September 28, 2023
10:40 am - 12:10 pm

A3-Smart Planning

LOCATION: GRAND SALONS A-B

Moderator: Michael Flood, Vice-President, Group Lead - Resilience, Climate, Resilience, and Sustainability, WSP, Silver Spring, MD

10:40 am

Collaborative Planning of Utility Services: Forming the Foundation of Successful Communities

Moderated by Michele Cavallo, FL Principal Customer Experience Lead, Duke Energy

Jeremy Susac, Vice President of Government Affairs, Lennar Corporation, Miami, FL; and Chip Howison, Vice President of Production, Barrette Outdoor Living, Brooksville, FL

11:10 am

City of Winter Haven One Water Master Plan

Jon Dinges, Regional Water Resources Lead, Black & Veatch Corporation, Tampa, FL; and Gary Hubbard, PE, Director, Winter Haven Water, Winter Haven, FL

11:30 am

Adaptation Away from the Coast: How Inland Communities Can Plan for and Implement Resiliency Projects

Tami Ray-Ross, National Fiscal Solutions Leader, Woodard & Curran, Lakeland, FL; and Amanda Boone, PE, Project Manager, Woodard & Curran, Lakeland, FL

11:50 am

High Water in the Holy City: Charleston, SC's Comprehensive Integrated Water Plan

Kasey Henneman, Green Infrastructure Production Lead, Black & Veatch, Charleston, SC; and Andy Sternad, Resilience Practice Lead, Waggonner & Ball, New Orleans, LA

12:10 pm

Session Adjourns

12:15 pm – 1:15 pm

Lunch Presentation

Location: Caribbean Ballroom, 1st level

B3-Beach Management

LOCATION: GRAND SALON E

Moderator: Andy Studt, FSBPA Director and Program Supervisor, Coastal Resources Management, Department of Environmental Resources Management, Palm Beach County, West Palm Beach

10:40 am

How Do You Get Your Sand, and What To Do with It...

Steve Boutelle, Marine Operations Manager, Lee County Natural Resources Division, Fort Myers, FL; Jessica N. Fentress, PE, Coastal Director, Volusia County, Daytona Beach, FL; and Janet Zimmerman, Assistant Executive Director, Florida Inland Navigation District, Jupiter, FL

11:20 am

Do You Believe In Miracles?

Michael Poff, PE, President, Coastal Engineering Consultants, Bonita Springs, FL; and Chadd Chustz, Environmental Project Manager, Town of Fort Myers Beach, Fort Myers Beach, FL

11:40 am

Building Resilience in Fort Lauderdale

Alan Dodd, PE, Director of Public Works, City of Fort Lauderdale, Fort Lauderdale, FL; and Nancy Gassman, PhD, Assistant Director of Public Work – Sustainability, City of Fort Lauderdale, Fort Lauderdale, FL

12:00 pm

FSBPA Annual Membership Meeting

12:10 pm

Session Adjourns

12:15 pm – 1:15 pm

Lunch Presentation

Location: Caribbean Ballroom, 1st level



Thursday, September 28, 2023
10:30 am - 12:10 pm

ATKINS
Member of the SNC-Lavalin Group

C3-Energy

LOCATION: GRAND SALON C

Moderator: Natalie Fausel, Partner, Anfield Consulting Group, Tallahassee

10:40 am

FPL's Real Zero Goal: A Strategy for Florida's Energy Future

Lauren Sher, Director, Environmental Services, Florida Power & Light, Jupiter, FL

11:00 am

Refining the Path Forward: The Five Elements of the Energy Transition

Gary Oppedahl, Vice President of Emerging Technology, Block Energy, Albuquerque, NM

11:20 am

Shore Power – Planning and Implementing at the Cruise Capital of the World, PortMiami, Miami-Dade County, Florida

Tim Blankenship, Vice President, Moffatt & Nichol, Miami, FL; and Becky Hope, PortMiami, Miami, FL

11:40 a.m.

EV Charging Infrastructure (Personal and Commercial)

Michael Borchers, Solutions Director, Black & Veatch; Jason Rano, VP of Government Affairs, RV Industry Association; and Niraj Shetty, Principal Consultant Black & Veatch

12:10 pm

Session Adjourns

12:15 pm – 1:15 pm

Lunch Presentation

Location: Caribbean Ballroom, 1st level

D3-Infrastructure

LOCATION: GRAND SALON D

Moderator: David Rathke, Executive Director, Resiliency Florida, Tallahassee

10:40 am

Sarasota: Resilient Infrastructure Investment Pays Off

Camden Mills, PE, Manager, Capital Projects, City of Sarasota, Sarasota, FL

11:00 am

Miami-Dade County Back Bay Coastal Storm Risk Management Study

Lynette Cardoch, Director of Resilience & Adaptation, Moffatt & Nichol, Miami, FL; Christian Kamrath, Miami-Dade County Office of Resilience, Miami, FL; and Julie Grissett, Moffatt & Nichol, Fort Lauderdale, FL

11:20 am

Solving the Funding Puzzle – How to Unlock Money for Infrastructure Projects

Moderated by Lynette Cardoch, Director of Resilience & Adaptation, Moffatt & Nichol

Rod Braun, Director, Green-Gray Infrastructure, Conservation International, West Palm Beach, FL; Eddy Bouza, Program Management Director, FDEP Office of Resilience and Coastal Protection, Tallahassee, FL; Hank Hodde, CFM, ENV SP, Community Resilience Strategist, Jacobs, Clearwater, FL; and Darius Nassiry, Vice President, Climate Resilience and Sustainability, WSP, Washington, DC

12:10 pm

Session Adjourns

12:15 pm – 1:15 pm

Lunch Presentation

Location: Caribbean Ballroom, 1st level

Know floodwater impacts before they happen.

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Thursday, September 28, 2023
12:15 - 1:15 pm

LUNCHEON PRESENTATION

LOCATION: CARIBBEAN BALLROOM, 1st level

SCHOLARSHIP PRESENTATION

**2023 Student Travel Scholarship Recipients supported
by Surfing's Evolution & Preservation Foundation**
presented by Lauren Floyd, Scholarship Awards Committee Member

*Additional committee members include Lainie Edwards, James Gray,
and Jimmy Sellers.*



LUNCHEON PRESENTATION

*An interview with **Colby Manwaring, Vice President, Innovyze, an Autodesk
Company, San Francisco, CA**, by Luis S. Casado, PE, Global Director, Hatch Associates
Consultants, Inc., Miami, FL*

Thank you

 **AUTODESK**
for sponsoring the luncheon

2:00 pm to 3:00 pm
Resiliency Florida Membership Meeting
Location: Grand Salon A and B, 3rd level



2nd ANNUAL FLORIDA RESILIENCE CONFERENCE

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Thursday, September 28, 2023
5:30 pm - 8:30 pm

COCKTAIL RECEPTION

LOCATION: CARIBBEAN FOYER, 1st level

5:30 - 6:30 pm

SPONSORED BY



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FOUNDATION**

Thank you for sponsoring the Cocktail Reception

FSBPA ANNUAL AWARDS BANQUET

LOCATION: CARIBBEAN BALLROOM, 1st level

6:30 pm

(dinner ticket required)

Thank You Award Banquet Sponsors!

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**LEWIS
LONGMAN
WALKER**

Florida Shore and Beach Preservation Association 2023 Annual Conference Awards



Public Service Award

Janet Zimmerman

Florida Inland Navigation District

Jim Purpura/T.Y. Chiu Engineering Award

Robert M. Brantly

Florida Department of Environmental Protection

(retired)

Local Government Award

Joshua Revord

St. Lucie County

Stan Tait & Deborah Flack Award

Charlie Hunsicker

Manatee County



Award Plaques sponsored by



HUMISTON & MOORE ENGINEERS





2nd ANNUAL FLORIDA RESILIENCE CONFERENCE

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Friday, September 29, 2023
7:45 am - 10:10 am

A4-Smart Planning

LOCATION: GRAND SALONS A-B

B4-Beach Management

LOCATION: GRAND SALON E

7:45 am Professional Exchange Breakfast Break
Location: Exhibit Hall (Grand Salons F-K) 3rd level
sponsored by



Moderator: Christin Perkinson, Coastal Practice Lead, Water Engineering, Atkins North America, Inc., Sarasota

8:30 am **Atlas of Disaster**

Samantha Danchuk, Climate and Coastal Resilience Lead, APTIM, Boca Raton, FL

8:50 am **Babcock Ranch: Community Preparedness, Resiliency, and Sustainability**

Jennifer Languell, PhD, Green Building & Sustainable Development Advisor, Babcock Ranch, Fort Myers, FL

9:10 am **Resilient Jacksonville: a Collaborative, Science-Based Approach to Comprehensive Resilience Planning**

Anne Coglianesi, Chief Resilience Officer, City of Jacksonville, Jacksonville, FL; and Colleen McHugh, Senior Planner, The Water Institute, New Orleans, LA

9:30 am **Design, Science, Community: Resilient Ready Tampa Bay**

Brian Cook, Director of Urban Design, Applied Sciences Consulting, Inc., Tampa, FL; and Andy Sternad, Resilience Practice Lead, Waggoner & Ball, New Orleans, LA

9:50 am **Habitats Migrating in Response to Climate Change in Central and Southwest Florida**

Jennifer Hecker, Executive Director; and Nicole Iadevaia, Director of Research & Restoration, Coastal & Heartland National Estuary Partnership (CHNEP), Port Charlotte, FL

10:10 am Professional Exchange, Mid-Morning Beverage Break
Location: Exhibit Hall (Grand Salons F-K) 3rd level
sponsored by

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

8:30 am **Beach Management through the Blue Flag Framework**

Annie Mercer, Program Coordinator, American Shore and Beach Preservation Association; and Cynthia Buisson, Assistant Director, Public Works the City of Delray Beach, FL

8:50 am **Hurricanes in a Warming Climate: What to Expect in Florida**

Brian Soden, PhD, Professor of Atmospheric Science, Rosenstiel School, University of Miami, Coral Gables, FL

9:10 am **Review of the Ecological Function and Recovery of Canaveral Shoals Following Repeat Dredge Events**

Jennifer Bucatari, Oceanographer, Bureau of Ocean Energy Management, Stirling, VA

9:30 am **Using Geo-Spatial Intelligence Tools to Examine Resilience of Coastal Marine Species**

Niki Desjardin, Ecological Associates, Inc., Jensen Beach, FL; and Ali Arslan, PhD, Metric Marvels, Melrose, MA

9:50 am **Adapting a Seagrass Mitigation Plan and Inlet Management to Ecosystem Disruption and Recovery**

Stephen Trbovich, Scientist, Atkins North America, Miami, FL



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Friday, September 29, 2023
7:45 am - 10:00 am

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C4-Energy

LOCATION: GRAND SALON C

D4-Infrastructure

LOCATION: GRAND SALON D

7:45 am Professional Exchange Breakfast Break
Location: Exhibit Hall (Grand Salons F-K) 3rd level
sponsored by



Moderator: Yurfa Glenn, Vice President-Water, Gannett Fleming Inc., Miami

8:30 am

Keys to Success: Building FDOT's Comprehensive Carbon Reduction Strategy

April Combs, Statewide Planning Coordinator, Florida Department of Transportation, Tallahassee, FL

8:50 am

Tackling Green House Gases on a Regional Scale

Elizabeth Alvi, Sr. Director of Policy, Audubon Florida, Tallahassee, FL; Courtney Wright, Senior Planner, Tampa Bay Regional Planning Council, Tampa, FL; and Kelsey Mack, Sustainability Specialist, City of Cocoa Beach, FL

9:30 am

Decarbonizing Florida's Pipeline

Marina Casadei, Support Manager, Waga Energy, Miami, FL

9:50 am

Leveraging the Net-Zero Movement for Smart Planning

Jocelyn Dupre, Vice President Climate Resilience, WSP USA Inc.

Moderator: Ansley Tilley, Director, Alternative Delivery Solutions, RES, West Palm Beach

8:30 am

From Concept to Concrete: Infrastructure Resiliency

Diep Tu, Executive Director, Florida Prestressed Concrete Association, Ocoee, FL; Lenny Salvo, Coreslab Structures, Orlando, FL; and Robert Guptill, Standard Concrete Products, Tampa, FL

8:50 am

Resilient Stormwater Infrastructure and Water Quality Improvements for the City of Naples, FL

Karyn Erickson, PE, Erickson Consulting Engineers - a Graef Company, Sarasota, FL

9:10 am

Anchoring Multiple Benefits to Stormwater Infrastructure Projects - Your Dollars Can Do More: A Case Study of McCoys Creek, Jacksonville FL

John Kiefer, Ecosystem Solutions Practice Lead, Black & Veatch, Lakeland, FL

9:30 am

Managing Water Today for a More Resilient Future

Kathleen Coates, PhD, Deputy Division Director, Resource Management Division, Northwest Florida Water Management District, Havana, FL; Patrick Doty, AICP, CFM, Senior Planner/Resilience Coordinator, Southwest Florida Water Management District, Brooksville, FL; Tom Frick, Chief Resilience Officer, St. Johns River Water Management District, Palatka, FL; Carolina Maran, PE, PhD, Chief of District Resiliency, South Florida Water Management District, West Palm Beach, FL; and Leroy Marshall, PE, PMP, CFM, Chief Professional Engineer, Suwannee River Water Management District, Live Oak, FL

10:10 am Professional Exchange, Mid-Morning Beverage Break
Location: Exhibit Hall (Grand Salons F-K) 3rd level
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BUILDING RESILIENCE

With more frequent and intense coastal storms, increasing precipitation, and higher temperatures, our coastal communities face daily disruptions and more frequent emergencies due to climate change and other stresses.

The physical, social, and environmental challenges that our coastal communities face can be overwhelming.

From tidal flooding to rising sea level and beach erosion, the impacts of these hazards must be collectively assessed from engineering, environmental, social and economic perspectives, with resilience strategies addressing these interconnected dimensions.

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We're helping local authorities, agencies and communities understand and anticipate the impacts of climate and other stressors, identify what they can do to adapt and mitigate, and help them withstand incidents and recover rapidly and smartly.

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ARE HOME TO 87 MILLION
PEOPLE REPRESENTING 29%
OF THE U.S. POPULATION

Tune in to our podcast on Coastal Resilience: Tools and Technologies where we bring some of our other experts in to chat about things like adaptive management practices, non-traditional funding sources, designing for uncertainty, integrated water resources, innovation, asset management – topics that will give insight on how communities can be more resilient.



VISIT US AT BOOTH 31.

Friday, September 29, 2023
10:35 am - 12:25 pm

CLOSING GENERAL SESSION
LOCATION: CARIBBEAN BALLROOM, 1st level

Moderator: Roxanne Horvath, Vice Mayor, City of St. Augustine and Resiliency Florida Co-Chair

10:35 am

Closing Legislative Keynote - Florida's Environmental Outlook - Policy, Funding, and the Next Chapter

Representative Thad Altman, District 32, Part of Brevard County

10:55 am

Florida's Regional Planning Councils – Resiliency Planning for Florida's Future

Moderated by Denise Imbler, Statewide Coordinator, Florida Regional Councils Association, Tallahassee, FL

Josh Adams, Environmental Planning Manager, Apalachee Strong – Apalachee RPC; Jennifer Codo-Salisbury, Executive Director, Heartland Regional Resiliency Coalition – Central Florida RPC; Brenda Defoe-Surprenant, Director of Planning, East Central Florida Regional Planning Council; Fara Ilami, Regional Resiliency Manager, Resilient First Coast - Northeast Florida RC; and Cara Serra, Principal Resiliency Planner, Tampa Bay Regional Resiliency Coalition - Tampa Bay RPC

11:25 am

FEMA Hurricane Ian Mitigation Assessment Team (MAT)

John Madden, CFM, LEED AP, Senior Construction Representative, CDM Smith, Boca Raton, FL

11:45 am

Federally Funded Green Infrastructure Project for a University Enhances Resiliency with Proven Cost Savings

Mark Scally, Sr. Project Manager, Hatch Associates Consultants, Inc., Miami, FL

12:05 pm

Mexico Beach: Post-Hurricane Michael Recovery and Resilience

Ryan Wiedenman, Senior Project Manager, Atkins, Raleigh, NC

12:25 pm

Conference Adjourns

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- ▶ **Coastal engineering and restoration**
- ▶ **Port engineering and equipment**
- ▶ **Flood control engineering**
- ▶ **Coastal and marine sciences**

We specialize in all aspects of beach nourishment, shoreline protection projects, coastal and marine mapping, and coastal resiliency and sea level rise work.

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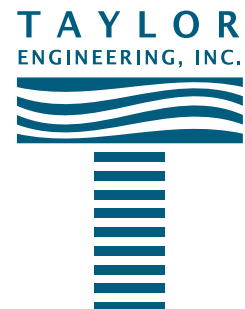
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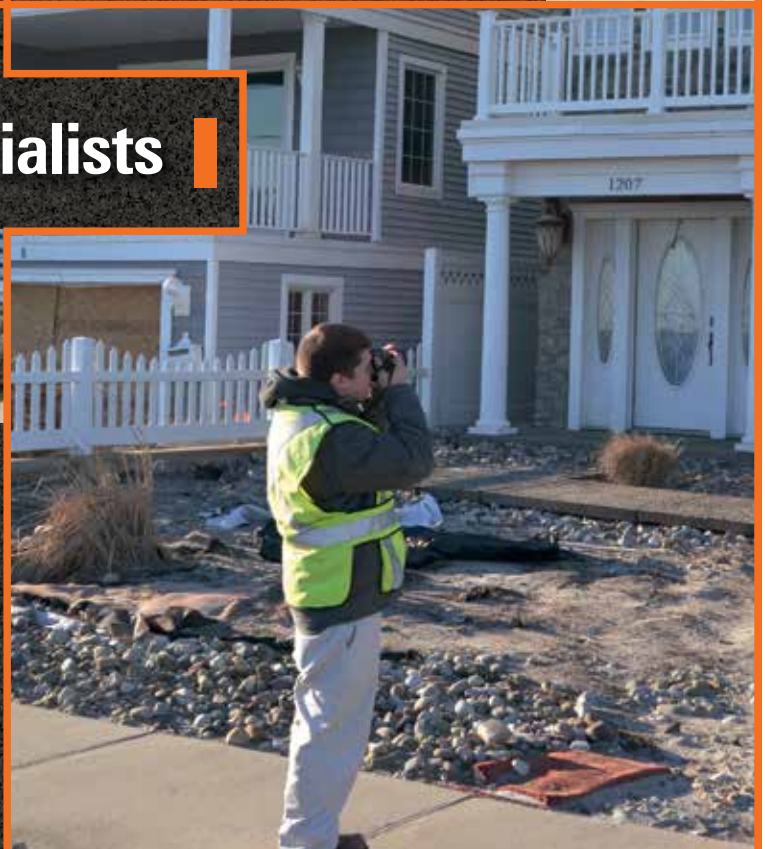
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APTIM Booth# 17

Since 1984, Aptim Environmental & Infrastructure has provided professional coastal engineering, resiliency and climate change mitigation, coastal and marine hydrographic and geophysical surveys, and scientific services to its clients along the Atlantic and Gulf coasts of the United States. APTIM is one of the most experienced coastal engineering and environmental consulting firms in the nation, having designed, permitted, implemented and monitored over 100 coastal restoration and nearly 50 coastal structure projects and located/designed over 100 borrow area studies. The goal of the firm is to provide its clients all the comprehensive services needed to address their specific coastal management needs.

Athena Technologies, Inc. Booth# 9

Athena provides vibrocore sampling and geotechnical data reporting to support borrow area evaluations and navigation projects throughout the Eastern half of the US.

Atkins Booth# 31

We're one of the world's leading professional services and project management organizations, dedicated to engineering a better future for our planet and its people. We create sustainable solutions that connect people, data and technology to design, deliver and operate the most complex projects across the world. Across our services, we leverage our capabilities to meet the demands of the future for our clients in decarbonization and sustainable solutions. As a services business, everything we do is driven by our people and ideas which has created an inclusive, diverse and energized work environment and open culture founded on our values: SAFETY, INTEGRITY, INNOVATION, and COLLABORATION.

ATM, a Geosyntec Company

ATM, a Geosyntec Company, specializes in coastal and waterfront engineering throughout the southeast U.S., Caribbean and Middle East. We have provided services on more than 2,000 projects since our inception in 1983. Expertise includes beach nourishment, shoreline stabilization and restoration, dredging, waterfront redevelopment, and marinas (economic pro forma, design and grant funding).

Autodesk

Autodesk is changing how the world is designed and made. Our technology spans architecture, engineering, construction, product design, manufacturing, media, and entertainment, empowering innovators everywhere to solve challenges big and small. From greener buildings to smarter products to more mesmerizing blockbusters, Autodesk software helps our customers to design and make a better world for all. For more information visit autodesk.com or follow @autodesk.

AVS, A Division of Amdrill, Inc. Booth# 24

Since 1978, Amdrill has been providing geotechnical and environmental drilling services, specializing in vibrocore, difficult access and foundation services.

Black & Veatch

For more than 100 years, Black & Veatch has committed itself to growing a collaborative team across the globe and providing innovative solutions to the world's infrastructure. Sustainable infrastructure advances lives, lifts communities, protects the planet and enables global prosperity.

Coastal Engineering Consultants, Inc.

Coastal Engineering Consultants is a diversified engineering and professional services corporation. We design workable alternatives to produce timely, cost-effective results in harmony with natural ecosystems. Our experienced professionals possess the knowledge, integrity, and resolve to change our environment and improve our daily lives and the communities in which we live. We are honored to have been selected by various state and federal governmental agencies to provide comprehensive services on projects of national significance.

Coastal Protection Engineering

Coastal Protection Engineering (CPE) is a forward-thinking coastal engineering firm founded for the direct purpose of serving coastal communities with beach restoration and coastal protection expertise. We support government clients and waterfront communities with projects that restore, manage, and protect coastal resources and upland infrastructure with a steadfast commitment to technical excellence, professional expertise, and consistent delivery of high-quality work products.

CSA Ocean Sciences, Inc.

Continental Shelf Associates, Inc. (CSA) is a multidisciplinary U.S. corporation established in 1970. Dedicated to the ocean industry worldwide, it services the offshore oil & gas, submarine telecom, and scientific markets as well as Federal, State, and local governments.

Cummins Cederberg Booth# 37

Cummins Cederberg is a professional engineering firm working exclusively in the coastal and marine environment. Its team of coastal and marine engineers, scientists, and regulatory experts, specialize in coastal dynamics, biological monitoring, living shorelines, environmental permitting, marina design, and vulnerability assessments. For more information visit www.CumminsCederberg.com or follow @cummins-cederberg-inc.

Dewberry Engineers, Inc.

With a legacy of more than 60 years, Dewberry is a nationwide firm of planning, design, and construction professionals who create responsible and resilient solutions in the natural and built environment. We have more than 70 technical experts in our resilience practice and over 300 employees in Florida. We are a family-owned, client-centric, and community-driven firm.

Duke

Duke Energy began serving customers in Florida in 1899. At the very foundation of our company is a commitment to serve our customers and communities. The company owns 10,300 megawatts of energy capacity and supplies electricity to 1.9 million residential, commercial and industrial customers across a 13,000-square-mile service area. Duke Energy is executing an aggressive clean energy transition to achieve its goals of net-zero methane emissions from its natural gas business and at least a 50% carbon reduction from electric generation by 2030 and net-zero carbon emissions by 2050. In addition, the company is investing in major electric grid enhancements and energy storage and exploring zero-emission power generation technologies.

EarthBalance Booth# 11

EarthBalance specializes in growing and installing coastal plants including revegetating dunes, beaches, and shorelines.

Eastman Aggregate Enterprises, LLC Booth# 33

Provides beach restoration, sand hauling and site work services, primarily along the coasts of Florida.

Ecological Associates, Inc. Booth# 4

EAI is a multi-disciplinary environmental consulting firm offering professional services focusing on species and ecosystem management, monitoring, and research.

Erickson Consulting Engineers, a Graef Company Booth# 19

GRAEF is a nationwide multi-discipline engineering, planning, and design firm. Our local coastal team provides expertise in waves, storm surges, sea level changes, sea water, and the marine ecosystem.

Ferguson Waterworks Booth# 5

Through our team of professionals, Ferguson Waterworks delivers quality products and innovative solutions across the water, sanitary sewer, and geosynthetic and stormwater management industries.

The Florida Specifier Booth# 21

The Florida Specifier has been an environmental news-focused source in Florida since 1979. Under the new ownership of Specifier Publishing, we are committed to improving the quality and relevance of our news coverage and providing our readers with even more opportunities to engage with environmental content. Our newspaper is published six times yearly and reaches a wide audience, including advertisers, government entities and regulators, environmental firms, trade associations, and the general public. Our team of writers publish original news content and opinions, summarize news releases and stories for readers, in addition to content submissions from various sources. We look forward to continuing to serve as a valuable resource for environmental professionals and enthusiasts in Florida.

FPCA Booth# 28

The Florida Prestressed Concrete Association (FPCA) was formed in 1957 and continued to represent the Florida precast, prestressed industry with marketing & education to the design community.

Florida Power & Light Company Booth# 28

As America's largest electric utility, Florida Power & Light Company serves more customers and sells more power than any other utility, providing clean, affordable, reliable electricity to more than 5.8 million accounts, or more than 12 million people. FPL operates one of the cleanest power generation fleets in the U.S and in 2021 won the ReliabilityOne® National Reliability Award for the sixth time in the last seven years. Learn more at www.FPL.com.

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FSC Tech Booth# 38

FSC Tech is a technology company that has a long history in precast concrete, and has developed a new way to reinforce concrete elements with FRP materials and eliminate steel reinforcing.

Garcia Family Farms

Garcia Mining Company is a 600-acre sand mining facility that is an integral part of the 15,000-acre Garcia Farms in rural south central Florida, Hendry County. Specializing in beach nourishment projects as well as a wide range of specialty products, the sand operation features state-of-the-art technology and tracking, exceptional quality control, and a highly qualified team. Its central location makes it a convenient and vast resource for both coasts as well as all areas of South Florida.

Geobruigg North America, LLC Booth# 12

Geobruigg provides high-tensile strength steel wire mesh in marine grade stainless for coastal erosion mitigation. The TECCO® CELL can be used in shoreline or riverine environments.

Geodynamics, NV5 Booth# 30

Geodynamics provides unique "end-to-end" services for Hydrographic and High Resolution Geophysical surveys for sediment resource evaluations and coastal change analyses.

Geostar Technologies Booth# 6

US distributor of AquaRockBags®- ARBs are an excellent solution for permanent, temporary, and emergency applications that include abutment protection, shoreline defense, levee reinforcement, and more.

Great Lakes Dredge & Dock

GLDD is the largest provider of dredging services in the USA, with over 130 years of history and has completed international projects on six continents. We own and operate the largest and most diverse fleet in the U.S. market, with approximately 200 specialized vessels. Employee safety is paramount to GLDD and our work environment. We are devoted to an Incident-and Injury-Free® (IIF®) safety management program that is integrated into all aspects of our culture.

Hatch Associates Consultants, Inc

Hatch is committed to the pursuit of a better world through positive change with a global network of 10,000 professionals over 150 countries that work on the world's toughest challenges. With water systems constantly evolving, Hatch has found more effective project delivery models and the application of technological innovations, from new treatment processes to the digitization of water systems, which are key to creating sustainable water systems. Hatch supports clients with their challenges in areas like water/wastewater, linear/conveyance, industrial water, and water resources management.

HNTB Corporation

For 108 years HNTB has developed a reputation for excellence and innovation in the infrastructure industry. With more than 5,500 employees in over 75 locations nationwide, HNTB strives to exceed client expectations in the transportation, transit, tolls, and aviation markets. Beyond civil engineering, HNTB's full-service firm provides planning, architecture, and construction management services. Our Florida offices have over 500 employees to serve a wide range of clients. We address far-reaching issues of safety, financing, legislation, design, construction, and public involvement. As employee-owners committed to the highest levels of performance we partner with our clients to achieve their goals and visions.

Humiston and Moore Engineers

Humiston & Moore Engineers (H&M) is a professional engineering firm located in Naples, Florida specializing in the field of coastal engineering since 1991. Providing highly specialized engineering services along Florida coastlines and inlets for over three decades included a wide range of experiences and challenges in coastal engineering. H&M has unique technical expertise, experience, and capabilities to provide valuable perspective to coastal management. H&M body of work includes a wide variety of studies, design, and implementation of sustainable solutions to coastal challenges and management.

Hyatt Survey Services, Inc. Booth# 10

Hyatt Survey is a full-service woman-owned surveying and mapping company with a professional staff possessing extensive multi-faceted surveying experience.

Jacobs

At Jacobs, we're challenging today to reinvent tomorrow by solving the world's most critical problems for thriving cities, resilient environments, mission-critical outcomes, operational advancement, scientific discovery and cutting-edge manufacturing, turning abstract ideas into realities that transform the world for good. With \$15 billion in revenue and a talent force of more than 60,000, Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the government and private sector.

Kiewit and Weeks Marine

Kiewit is one of North America's largest and most respected construction and engineering organizations. With roots dating back to 1884, the employee-owned organization operates through a network of subsidiaries in the United States, Canada, and Mexico. Kiewit offers construction and engineering services in a variety of markets including transportation; oil, gas and chemical; power; building; water; industrial; and mining. Established in 1919, Weeks Marine draws on over a century of successes to create the most effective and innovative solutions in marine construction, dredging, marine services, tunneling and aggregates, combined with the best-in-class equipment. At the start of 2023, the Weeks organization was acquired by Kiewit Corporation to become wholly-owned subsidiaries of Kiewit. For more than 20 years, Weeks Marine and Kiewit have partnered to successfully deliver many high-profile projects together.

Lewis, Longman & Walker, P.A.

For over 25 years, the attorneys at LLW have helped the individuals, businesses and governments that have shaped Florida's future. We offer solutions to issues associated with complex local, state, and federal laws and regulations. We focus on the specific, technical and seemingly ever-changing areas of Environmental, Land Use, Legislative and Governmental Law. The LLW team is comprised of well-known and respected attorneys with the experience and skill to quickly resolve difficult legal challenges. We are committed to responding to clients' needs promptly and economically and believe in building long-term attorney-client relationships based upon collaboration and solid performance. www.llw-law.com.

Live Wildly Foundation

The Live Wildly Foundation is applying an entrepreneurial approach to the conservation of the Florida Wildlife Corridor while also seeking to balance smart growth, a robust economy, and a connected, resilient ecology. Our organization aims to accelerate solutions by providing resources to partner organizations for effective conservation projects, facilitating regional planning across connected landscapes, supporting innovative technology, and developing value for what makes Florida, Florida, through our public awareness campaign.

Manson Construction

Manson Construction Co. core services include dredging, waterfront construction, piers and wharves, bridge building, heavy lifts, and offshore work. We have performed these types of projects and other specialized projects worldwide, bringing a breadth of knowledge in the areas of engineering, environment and safety that is essential for timely and cost-effective project completion.

McKim & Creed, Inc. Booth# 13

McKim & Creed is an award-winning, employee-owned firm with more than 800 employees operating in offices throughout North Carolina, South Carolina, Virginia, Georgia, Florida, Texas, Louisiana, and Pennsylvania.

Michael Baker International

Michael Baker International is at the forefront of preparing communities to be more resilient to severe weather and climate change-related threats. Our planners, engineers and technical experts work closely with clients to assess risks and vulnerabilities to critical infrastructure, systems and assets that may be impacted by climate hazards like flooding, sea level rise, and heat. We develop mitigation and adaptation strategies, and engineer, design and build the solutions, enabling our clients to be more prepared to respond to and recover from climate-related threats today and tomorrow.

Moffatt & Nichol Booth# 25

Moffatt & Nichol is a leading global infrastructure advisory firm that provides engineering and consulting services in the marine terminal, transportation, energy, environmental, federal, and urban development markets, and specializes in the planning and design of solutions that shape our coastlines, rivers, and harbors.



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Morgan & Eklund

Morgan & Eklund, Inc. (M&E) is a multidisciplinary surveying firm that has a 30-year history of providing accurate and reliable hydrographic and geophysical survey services in support of marine and coastal infrastructure projects, beach restoration, and large-scale water management projects.

Norfolk Dredging

Norfolk Dredging Company has been improving shoreline resiliency since 1899.

Nova Consulting, Inc.

Established in 1995, Nova Consulting (Nova) is a Woman Owned Small Business (WOSB) engineering consulting firm, specializing in Program Management, Construction Management as well as Civil and Environmental Engineering services. We bring decades of experience providing professional services to federal, state, and municipal agencies.

Olsen Associates, Inc.

Olsen Associates, Inc. is a coastal engineering consulting firm that specializes in the analysis, design, and implementation of shore protection, navigation, and related projects in the marine environment. The firm's 40-year long experience includes diverse projects that span beach & dune restoration, inlet management, marina design, resort development, coastal structures, estuarine and living shorelines, and reefs throughout the southeast U.S. and across the globe – combining innovative approaches and practical engineering expertise.

RES

Resource Environmental Solutions LLC (RES) is the nation's largest ecological restoration company, restoring a resilient earth for a modern world, project by project. RES provides the public and private sector with innovative turnkey natural system solutions for climate and flood resilience, stormwater and water quality improvements, and environmental mitigation. RES has a unique operating model for delivering ecological uplift based on science-led design, full delivery, long-term stewardship, and guaranteed performance. RES designs, builds, and sustains sites to preserve environmental balance, lifting impaired ecosystems into restored health and, ultimately, self-sufficiency.

Sea & Shoreline Booth# 36

Sea & Shoreline is a Florida-based aquatic restoration firm that specializes in improving water quality and making our communities more resilient to the effects of climate change. Services include environmental dredging, seagrass/submerged aquatic vegetation restorations, natural stormwater filtration, oyster reefs, artificial reefs, living shorelines, wave attenuation devices, vegetated retaining walls, wetland plantings, invasives control, project design, surveying, permitting, and funding. For more information, please visit seaandshoreline.com.

Seismic Surveys, LLC Booth# 16

Seismic Surveys offers third-party monitoring services for construction and blasting near communities and sensitive structures to enhance positive public relations and mitigate construction risk.

Stantec Consulting Services, Inc Booth# 18

Stantec delivers innovative solutions for waterfront and port facilities, waterways and inlets, offshore infrastructure, and coastal communities. Understanding coastal processes and their interaction with the built environment, we offer full services in coastal engineering and design - from feasibility studies and cost/benefit analysis to design, permitting, and construction monitoring. Stantec is a leader in environmental disaster planning, mitigation, and response at the federal, state, and local levels.

Stewart Materials

Privately held since 1982, Stewart Materials is one of Florida's largest suppliers of inland-sourced, processed aggregate, sand and rock materials. These materials advance and enhance Florida infrastructure and tourism. Specifically, renourishing, and nourishing beaches and golf courses, supplying roadway and all forms of construction, and in applications as diverse as athletic fields, state and federal park installations, wildlife habitats and water preservation and restoration projects. Processing customizes materials to meet virtually any published specification. These same processes work to preserve and sustain the environment.

Survtech Solutions Booth# 29

SurvTech Solutions is a premier geospatial firm with commercial surveying company roots. Since 2004 has provided surveying, mapping and geophysical services throughout the Southeastern US and PR.

Taylor Engineering

Since 1983, Taylor Engineering, Inc., with headquarters in Jacksonville, Florida; full-service branch offices in Destin, Sarasota, and Tampa, Florida; and a field office in the U.S. Capital region, has provided leading-edge solutions in the water environment. The company focuses its attention on water-related engineering, planning, management, and environmental challenges with emphasis on coastal regions. The company takes on projects — coastal restoration and management, coastal processes analysis, beach nourishment, coastal structures, ports, harbors and marinas, environmental restoration and management, waterfront access structures, wave and storm-surge modeling, flood control, flood insurance studies, and more — that cover the spectrum of water-related issues.

Truline® - The Ultimate Seawall® Booth# 20

The Truline® hybrid system is an 8" steel-reinforced concrete wall inside a protective, dual-interlocking vinyl form to build 'The Ultimate Seawall®' with design and installation versatility.

UES

We are proud to have grown to more than 3,000 professionals in nearly 20 states nationwide delivering excellence in engineering services to the due diligence, planning, development and construction of commercial residential, environmental and sustainability projects. Visit us online to learn more at universalengineering.com and follow us on social media.

US Flood Control Booth# 7

The FM Approved TIGER Dam flood control technology system is changing the approach to preserving infrastructure by protecting buildings, keeping interstates and highways accessible.

Vulcan Materials Company Booth# 2

Vulcan Materials Company is the nation's largest producer of construction aggregates—primarily crushed stone, sand and gravel—and a major producer of aggregates-based construction materials, including asphalt and ready-mixed concrete. Our coast-to-coast footprint and strategic distribution network align with and serve the nation's growth centers.

WSP

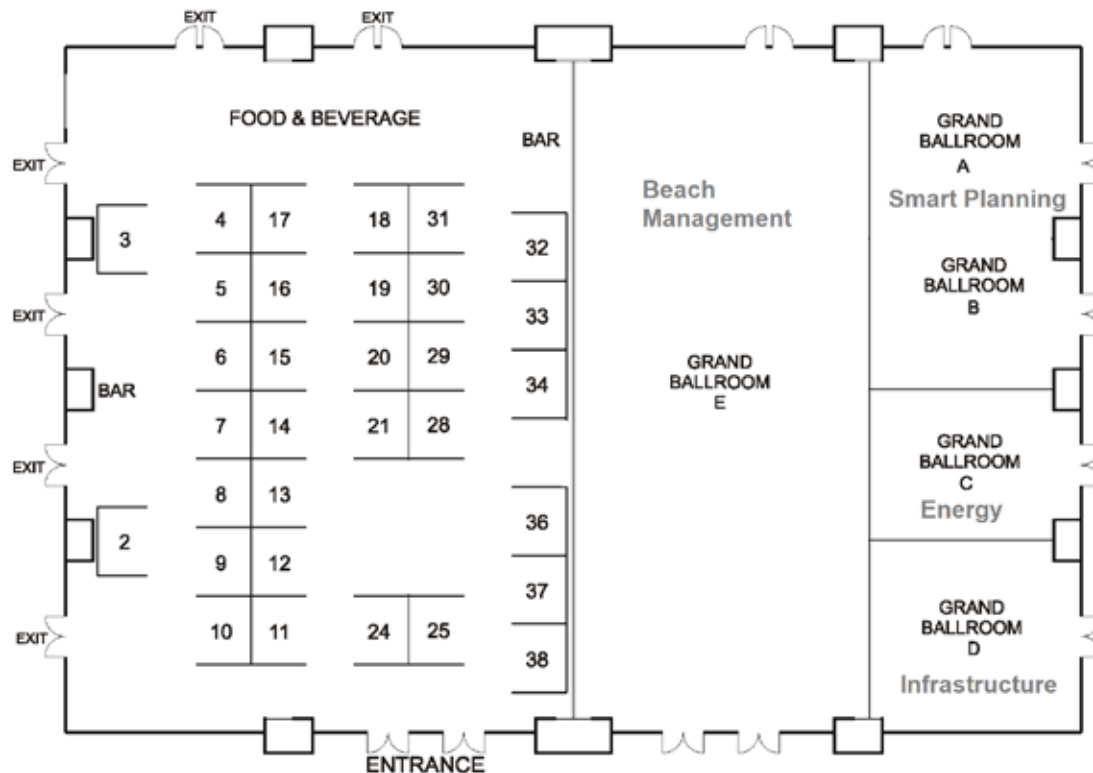
WSP USA Inc. (WSP) is a multi-disciplinary firm providing climate solutions in planning, engineering, and construction management. Our climate resilience research, climate finance advisory, and implementation services enable communities and agencies to make informed investment decisions.

EXHIBIT HALL

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Booth# 6

Hyatt Survey Services, Inc.
Booth# 10

Live Wildly Foundation
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McKim & Creed, Inc.
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Moffatt & Nichol
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Phillips & Jordan, Inc.
Booth# 8

Sea & Shoreline
Booth# 36

Seismic Surveys, LLC
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Village of Bal Harbour Beach Improvement & Vulnerability Assessment



Dinner Key Marina Breakwaters Mitigation, City of Miami



County-wide Flood Mitigation Master Plan, Miami-Dade County



Currie Park Waterfront Redevelopment, City of West Palm Beach



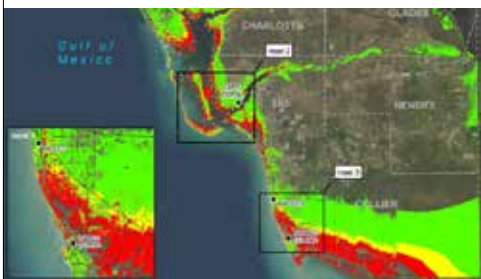
Adaptive Redesign of Jose Marti Park, City of Miami



Tidal Flood Mitigation and Shoreline Protection, City of Hollywood



Apalachee Regional Planning Council Vulnerability Assessment



FDOT D1 Districtwide Coastal Vulnerability



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Brickell Key Island-wide Sea Level Rise Adaptation

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