

**DRAFT**  
**2022 Florida Resilience Conference**  
**October 5-7, 2022 ♦ Hyatt Regency Bonita Springs**

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**Wednesday, October 5**

**General Session**

**1:00 p.m.**

**Call to Order**

Charlie Hunsicker, Manatee County and FSBPA Chair ♦ Roman Gastesi, Monroe County and Roxanne Horvath, St. Augustine, Resiliency Florida Co-chairs

**1:15 p.m.**

**Welcome and Opening Remarks, Lee County, Florida**

Ray Sandelli, Vice-Chair, Lee County Commissioner, District 3

**1:25 p.m.**

**Legislative Keynote Address – Florida’s Environmental Outlook – Policy, Funding, and the Next Chapter**

Senator Kathleen Passidomo, District 28, Consists of Collier, Hendry counties and part of Lee County

**1:45 p.m.**

**Adapting and Combating Climate Change in Florida**

Wesley Brooks, Florida Resilience Officer, Tallahassee (Invited)

**2:00 p.m.**

**Florida Department 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

**2:25 p.m.**

**Florida Regional Councils Association – Planning for Florida’s Future**

Tara McCue, Executive Director, East Central Florida Regional Planning Council, Orlando

**2:40 p.m.**

**Professional Exchange Break**

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**Wednesday, October 5**

**Session: A1-Agriculture**

**Food Security**

**3:10 pm – 5:15 pm**

**In Development**

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**Wednesday, October 5**

**Session: B1-Beaches**

**Beach Management/Local Projects**

**3:10 pm – 5:15 pm**

**3:10 p.m.**

**The Lee County Beach Management Program – Leveling Up**

Steve Boutelle, Marine Operations Manager, Lee County Natural Resources, Fort Myers ♦ Nancy MacPhee, Product Development Manager, Lee County Visitor & Convention Bureau, Fort Myers ♦ Kevin Bodge, Ph.D., P.E., President, Olsen Associates, Inc., Jacksonville ♦ Jacqueline Brower, Ph.D., P.E., Coastal Engineer & Scientist, Moffatt & Nichol, Fort Lauderdale ♦ Michael Poff, P.E., President, Coastal Engineering Consultants, Bonita Springs

**3:55 p.m.**

**Flagler County, Florida Beach Management Planning**

Chris Creed, P.E., Principal, Olsen Associates, Jacksonville

**4:15 p.m.**

**Nature-based Coastal Resiliency for Barrier Islands in Southwest Florida,**

**Case Study of Tigertail Lagoon/ Sand Dollar Island Ecosystem Restoration Plan**

Mohamed Dabees, Ph.D., P.E., D. CE., Vice President, Humiston & Moore Engineers, Naples

**4:35 p.m.**

**Species Conservation Measures and Permitting Guidelines for Four Species of Imperiled Beach-nesting Birds**

Michelle van Deventer, Shorebird Monitor Coordinator, Florida Fish & Wildlife Conservation Commission, Tallahassee

**4:55 p.m.**

**Tropical Cyclones: A Global Perspective**

Mike Jenkins, PhD, P.E., Senior Principal, Geosyntec Consultants, West Palm Beach

**5:15 p.m.**

**Adjourn**

**5:45 p.m.**

**Welcome Reception**

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**Wednesday, October 5**

**Session: C1-Energy**

**Grid Resilience/Community Collaborations**

**3:10 pm – 5:15 pm**

**3:10 p.m.**

**Keeping the Lights on: Present and Future Grid Resilience Efforts**

(Invited Panel)

**4:00 p.m.**

**A Community Approach to Resilience in Tampa Bay**

Brian Cook, Director of Urban Design, Applied Sciences Consulting, Inc., Tampa

**4:20 p.m.**

**Stories from Across the Gulf: Creating Community Dialogues Around Resilience**

Melissa Hill, Program Manager, Gulf Program, National Wildlife Federation, Gainesville

**4:40 p.m.**

**Collaboration - the Key to Community Resilience**

Keith Clinkscale, Director of Strategic Planning & Performance Management and Megan Houston, Director of the Office of Resilience, Palm Beach County, West Palm Beach, and Rebecca Harvey, Sustainability Coordinator, City of Boynton Beach

**5:10 p.m.**

**Q&A**

**5:15 p.m.**

**Adjourn**

**5:45 p.m.**

**Welcome Reception**

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**Wednesday, October 5**

**Session: D1-Infrastructure**

**Transportation**

**3:10 pm – 5:15 pm**

**3:10 p.m.**

**Resilient Transportation Systems – State and Regional Perspectives**

Jennifer Carver, AICP, Statewide Community Planning Coordinator, Office of Policy Planning, Florida Department of Transportation, Tallahassee and Allison Yeh, AICP, LEED GA, Assistant Executive Director, Sustainability Coordinator, Hillsboro Transportation Planning Organization, Tampa

**4:10 p.m.**

**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

**4:30 p.m.**

**Lessons Learned over the Last 15 Years in Resilience Planning for the City of Norfolk**

Brian Joyner, Senior Coastal Engineer, Moffatt & Nichol, Norfolk, VA

**4:50 p.m.**

**Simulating Coastal Flooding and Sea Level Rise Adaptation Strategies as Part of Resiliency Studies: Best Practices, Model Selection, and Implications to Flood Water Management and Water Quality in Florida**

Lindino Benedet, Coastal Protection Engineering, Coastal Protection Engineering, Boca Raton

**5:10 p.m.**

**Q&A**

**5:15 p.m.**

**Adjourn**

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**Thursday, October 6**

**Session: A2-Agriculture**

**Climate Change and Adaptability Part 1**

**8:30 am-10:00 am**

**IN DEVELOPMENT**

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**Thursday, October 6**

**Session: B2-Beaches**

**Beach Management/Federal Updates**

**8:30 am-10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**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 a.m.**

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

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

**9:10 a.m.**

**Federal Participation in Florida Projects: The Next 50 Years of Storm Protection**

John Bishop, Coastal Management Coordinator, Pinellas County Environmental Management, Clearwater

♦ Kevin Bodge, Ph.D., P.E., President, Olsen Associates, Inc., Jacksonville ♦ Milan A. Mora, P.E., Chief, Water Resources Branch, Jacksonville District, U.S. Army Corps of Engineers ♦ Joshua Revord, P.E., St. Lucie County Senior Coastal Engineer, Fort Pierce

**10:00 a.m.**

**Professional Exchange Break**

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**Thursday, October 6**

**Session: C2-Energy**

**Power/Solar Generation**

**8:30 am-10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**Distributed Energy: Residential and Commercial Solar**

Justin Vandebroek, President, Florida Solar Energy Industries Association, Sarasota

**8:50 a.m.**

**In the Mix: The Future of Power Generation**

(Invited Panel)

**9:40 a.m.**

**Shore Power – Planning And Implementing at the World’s Largest Cruise Port at Portmiami, Miami-Dade County, Florida**

Tim Blankenship, Vice President, Moffatt & Nichol, Miami

**10:00 a.m.**

**Professional Exchange Break**



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**Thursday, October 6**

**Session: D2-Infrastructure**

**Funding/Hydrological Connectivity**

**8:30 am-10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**Building Resiliency through Hydrological Restoration**

Jennifer Hecker, Executive Director, Coastal & Heartland National Estuary Partnership, Punta Gorda

**8:50 a.m.**

**Winter Haven One Water Master Plan**

Jon Dinges, Regional Water Resources Lead, Black & Veatch Corporation, Tampa

**9:10 a.m.**

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

Eddy Bouza, Planning and Policy Environmental Manager and Hanna Tillotson, Grant Management Program Administrator, Resilient Florida Program, Tallahassee ♦ Hank Hodde, CFM, ENV SP, Sustainability & Resiliency Program Coordinator, Pinellas County Environmental Management, Clearwater (Invited)

**10:00 a.m.**

**Professional Exchange Break**

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**Thursday, October 6**

**Session: A3-Agriculture**

**Climate Change and Adaptability Part 2**

**10:30 am-12:05 pm**

**IN DEVELOPMENT**

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**Thursday, October 6**

**Session: B3-Beaches**

**Beach Management/Federal and State Resources**

**10:30 am-12:05 pm**

**10:30 a.m.**

**“Like sands through the hourglass, these are the days of our lives” - Florida Sand Management Challenges, Needs, and Opportunities**

Robert Brantly, P.E., Program Administrator, Coastal Engineering and Geology Group, Florida Department of Environmental Protection ♦ Douglas Piatkowski, Marine Minerals Program, Office of Strategic Resources, Bureau of Ocean Energy Management ♦ Matthew Schrader, P.E., South Atlantic Division Regional Sediment Management Center of Expertise, U.S. Army Corps of Engineers

**11:15 a.m.**

**Challenges and Opportunities of Beneficially Using 20 Million Cubic Yards of Sand from the Tampa Harbor Improvement Project**

Laurel Reichold, Director, South Atlantic Division Regional Sediment Management Center of Expertise, U.S. Army Corps of Engineers, Jacksonville

**11:25 a.m.**

**Federal Funding for Beaches: Recent Decisions and Implications**

Robert (Bob) Glassen, Beach Specialist, Public Assistance Branch, FEMA Region IV and Jackie Keiser, Chief, Hurricane Emergency Restoration Division, South Atlantic Division, U.S. Army Corps of Engineers

**11:45 a.m.**

**Florida’s Beach Management Program and Funding Highlights**

Lainie Edwards, Ph.D., Deputy Director, Office of Resilience and Coastal Protection, Florida Department of Environmental Protection, Tallahassee

**12:05 p.m.**

**Adjourn**

**12:10 p.m.**

**Annual Membership Meeting**

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**Thursday, October 6**

**Session: C3-Energy**

**Carbon Emissions/Planning & Policy**

**10:30 am-12:10 pm**

**10:30 a.m.**

**Zero Carbon Blueprint: A Comprehensive Carbon Emissions Reduction Plan**

(Invited Speaker, Florida Power & Light)

**10:50 a.m.**

**Legal and Policy Issues for Resiliency Planning**

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

**11:10 a.m.**

**A True Regional Effort - Lessons Learned from a 9-County Vulnerability Assessment**

Sean Lahav, Senior Resiliency Officer, Halff Associates, Inc., Jacksonville and Jenna Phillips, Sr. Coastal Engineer, Cummins Cederberg, Inc., Sarasota

**11:30 a.m.**

**Mexico Beach: Resilience and Recovery Post-Hurricane Michael**

Ryan Wiedenman, Senior Project Manager, Atkins

**11:50 a.m.**

**Comparisons Of Resilient Design, Construction And Funding Priorities For Critical Assets And Infrastructure In Three Communities Along The Eastern Coastal United States**

Hannah Hart, Project Manager, Resilience Solutions, Dewberry Engineers, Inc., Orlando

**12:10 p.m.**

**Adjourn**

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**Thursday, October 6**

**Session: D3-Infrastructure**

**Green Infrastructure and Nature Based Solutions**

**10:30 am-12:10 pm**

**10:30 a.m.**

**Natural Solutions for Stormwater**

Nicholas Muzia, Infrastructure Maintenance Manager, Martin County Public Works, Stuart

**10:50 a.m.**

**Habitats Migrating in Response to Climate Change in Central and Southwest Florida**

Nicole Iadevaia, Research & Outreach Manager, Coastal & Heartland National Estuary Partnership, Punta Gorda

**11:10 a.m.**

**Jose Marti Park Adaptive Re-Design – Living with Water**

Patrick Shearer, Sr. Engineer, RES, Miami

**11:30 a.m.**

**Lightning Point Living Shoreline Restoration Project**

Meg Goecker, Senior Coastal Scientist, Moffatt & Nichol, Mobile, AL

**11:50 a.m.**

**Sea Level Rise In Florida's Aquatic Preserves, Buffer Preserves, and National Estuarine Research Reserves**

Christin Perkinson, Coastal Practice Lead, Atkins, Sarasota

**12:10 p.m.**

**Adjourn**

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**Friday, October 7**

**Session: A4-Agriculture**

**Water Availability-Water Management Districts**

**8:30 am – 10:00 am**

**IN DEVELOPMENT**

**10:00 a.m.**

**Professional Exchange Break**

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**Friday, October 7**

**Session: B4-Beaches**

**Resilience, Public Beach Access and Customary Use of Florida's Beaches**

**8:30 am – 10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**Beach Nourishment Provides Resilient Protection for Coastal Infrastructure**

James Houston, Ph.D., U.S. Army Engineer Research and Development Center, Vicksburg, MS

**8:50 a.m.**

**Public Access and Customary Use of Florida's Beaches – Navigating the Legal Climate for Local Governments**

Joni Armstrong Coffey, Partner, Akerman LLP, Miami ♦ Diana Ferguson, Associate, Rutledge Ecenia, Tallahassee ♦

Robert M. Eschenfelder, Esquire, Trask Daigneault LLP, Clearwater ♦ David Theriaque, Founder, Theriaque & Spain, Tallahassee (Invited)

**10:00 a.m.**

**Professional Exchange Break**

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**Friday, October 7**

**Session: C4-Energy**

**Resilience Planning & Studies**

**8:30 am – 10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**Space Coast TPO's Transportation Resiliency Master Plan: Planning for a Resilient Transportation System Now and for the Future**

Sigal Carmenate, Planner, Kittelson & Associates, Inc., Orlando and Sarah Kraum, Senior Transportation Planner, Space Coast Transportation Planning Organization, Melbourne

**8:50 a.m.**

**Connecting Regional All-Hazards Resilience Action to Support Statewide Resilience in Florida**

Will Hill, Assistant Director, The FAMU-FSU College of Engineering RIDER Center, Tallahassee ♦ Emily Powell, Ph.D., Assistant State Climatologist, Florida Climate Center, FSU Center for Ocean-Atmospheric Prediction Studies, Tallahassee ♦ Invited Panelists

**9:50 a.m.**

**Q&A**

**10:00 a.m.**

**Professional Exchange Break**



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**Friday, October 7**

**Session: D4-Infrastructure**

**Gray Infrastructure/Stormwater**

**8:30 am – 10:00 am**

**7:45 a.m.**

**Professional Exchange Break**

**8:30 a.m.**

**From Concept to Concrete (or Precast Concrete): Infrastructure Resiliency**

Diep Tu, P.E., Executive Director, Florida Prestressed Concrete Association, Ocoee ♦ Lenny Salvo, Coreslab Structures, Orlando ♦ Robert Guptill, Plant Manager, Standard Concrete Products, Inc., Tampa

**9:00 a.m.**

**Resilient Stormwater Infrastructure And Water Quality Improvements City Of Naples, Florida**

Karyn Erickson, Office Leader, Erickson Consulting Engineers, a Graef Company, Sarasota

**9:20 am.**

**North Bay Village Seawall Coastal Development Criteria Development, North Bay Village, Florida**

Tim Blankenship, Vice President, Moffatt & Nichol, Miami

**9:40 a.m.**

**Innovative Stormwater Solutions for Use in Coastal Areas**

Johnny Martin, Water Practice Leader, Moffatt & Nichol, Raleigh, NC

**10:00 a.m.**

**Professional Exchange Break**

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**Friday, October 7**

**General Session**

**10:30 am - 12:00 pm**

**10:30 a.m.**

**Connecting the Dots – Perspectives from Industry**

Danielle Irwin, Senior Director, CFM, PWS, LEED AP, WEDG ♦ Masjood Jafri, PMP, MIET, Resiliency Market Director, Business Development & Strategy, Atkins, Houston, TX ♦ Kerry Kates, P.E., LEED AP, Director of Water & Natural Resources, Florida Fruit & Vegetable Association, Maitland ♦ Thomas Pierro, P.E, DC.E., Principal Engineer, CPE, Boca Raton

**12:00 p.m.**

**Conference Adjourns**