



A Message from FSBPA's Incoming Chair - Virginia Barker



As the year 2020 arrives, I want to focus on FSBPA's vision for Florida's beaches. While the challenges of maintaining healthy and sandy beaches are constantly evolving, never in my 20 years of involvement with FSBPA have our collective roles in beach and inlet management been seen so clearly integral to Florida's resilience and need for coastal protection. FSBPA President, Pepper Uchino, as successor to our invincible Past President, Debbie Flack, brings timely leadership to magnify a growing vision of the critical linkage between healthy beaches and Florida's economic and environmental resilience.

During my previous stint on the Executive Committee, the FSBPA Board recognized that despite \$30 M annually of dedicated state funding for beaches, Florida was falling behind with beach and inlet management.

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**On behalf of the FSBPA staff, we hope you
have a joyous and safe Holiday.**



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Miss the 2019 Annual Conference? Here is a look at one the more popular presentations

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Our \$50 B golden goose of an economic engine (Houston, 2013) was being starved. Several math geeks and I worked with Debbie to quantify the amount of annual state cost share needed for maintaining Florida's beaches and inlets in a timely manner. After analyzing it several ways, we settled on a new recurring goal of \$50 M, with additional non-recurring funds sought for emergency (hurricane) response projects.

While recurring funds have climbed to \$40 M, Debbie has secured non-recurring funds to meet our \$50 M goal year after year. The backlog of unfunded needs is shrinking and the goose is laying more golden eggs. In addition, we finally have new criteria for prioritizing available funds to the state's highest priority beaches. While the new criteria require some extra work for local sponsors, they should support more systematic and sustainable distribution of state funds. We must connect FSBPA's insight for sufficient recurring funding to Florida's vision of economic and environmental resilience.

Other proposals and changes to keep an eye on for 2020 include increasing coral reef protection, tighter turbidity standards, restrictions on uses of the Land Acquisition Trust Fund, sea level rise impact projections and responses to record-setting king tides, the Governor's creation of Chief Science Officer, Red Tide research, and on-going Blue Green Algae Task Force meetings and recommendations. All of these point to the recognition of healthy beaches and coastal waters being important to the state's future.

I am particularly enthusiastic about Alex Reed, who started her FDEP career as a beach project manager, being selected to direct FDEP's new Office of Resilience and Coastal Protection with Lainie Edwards as her Deputy Director. FSBPA has long working relationships with Alex and Lainie and their appointments signal the important role of beaches to the mission of this new state office.

As we go through Legislative Session, be assured that both Debbie, Pepper, and the professional FSBPA team will be thoughtfully representing FSBPA across a wide array of coastal-related topics and notifying the membership of critical needs. Please stay in tune and work with your lobbyists and legislators to help illustrate the vision of FSBPA for our coasts. Our words will be amplified if we speak as one voice. Let us know how we can work with you to clarify our vision for Florida's coasts.

As session closes, Debbie Flack will be galloping into much deserved retirement, leaving a remarkable legacy for us to uphold. So much of Florida's beach and coastal management success, the envy of all other coastal states, is attributed to Debbie's leadership, vision and unwavering dedication. Her accomplishments for past, present and future Floridians are remarkable, immeasurable and without compare. The debt of gratitude owed for her untiring effort and indomitable spirit can never be repaid. Words cannot express how much she will be missed. Debbie Flack, thank you for who you are and for all that you have accomplished!

I hope to see you all at the Technology Conference in Sarasota February 5th through 7th. It is sure to be an outstanding conference full of timely topics and opportunities for thought-provoking professional exchange.

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Meet our new board members

FSBPA is pleased to welcome two new members to the FSBPA Board of Directors for 2020, Joshua Revord and Janet Zimmerman, both favorably considered at our Annual Meeting on September 19th. This will be the first time serving on the Board for both members. Retiring board members include James Gray and Tamara Pigott. Thank you for your service to the Board of Directors and this Association!

Let us introduce our distinguished new Board members!

Joshua Revord is a Coastal Engineer for St. Lucie County's Erosion District. Mr. Revord has a Bachelor's Degree in Ocean Engineering from the Florida Institute of Technology and a Master's Degree in Coastal and Oceanographic Engineering from the University of Florida. Mr. Revord is a Professional Engineer registered in the State of Florida and has experience in both coastal and upland civil engineering. Outside of work, Mr. Revord enjoys fishing, hunting, and being outdoors with his wife and five young sons.

"I have enjoyed Florida's beaches my entire life, and being able to help preserve this resource for the next generation, through being a director for the FSBPA, is an honor."



Joshua Revord, P.E.
Coastal Engineer
St. Lucie County

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Janet Zimmerman
Assistant Executive Director
Florida Inland Navigation District

Janet Zimmerman earned a Bachelors' of Arts in Environmental Studies from Eckerd College, St. Petersburg, FL, and attended the University of Rhode Island Masters in Marine Policy program. Since 2012, Janet has served as the Assistant Executive Director for the Florida Inland Navigation District where she is primarily responsible for FINDs Assistance Programs, a \$13-\$17M annual grants program to assist federal, state, and local government with funding for waterway access projects. Prior to joining the District, she spent 12 years working for the Guana Tolomato Matanzas National Research Reserve and prior to that she worked for the Georgia Department of Natural Resources.

Janet shared that she first became interested in coastal processes during grad school studying the science and political aspects of the Westhampton, NY groin field issues.

“As my blood thins as I get older, I’ve continue to move further south in search of warm weather. Originally from Long Island NY, then St Simons Island GA, St Augustine, FL and now Jupiter, FL but always on or very near the water. I’m passionate about protecting public access and the health of our coastal waterways.

I’m looking forward to serving on the Board of FSBPA in continuation of its important advocacy for the health of Florida’s beautiful shorelines.”

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2020 Board of Directors

Officers for 2020

Virginia Barker (Brevard County): **Chair**
Nicole Sharp (Broward County): **Vice-Chair**
Don Donaldson (Martin County): **Secretary-Treasurer**

These officers and the past chair, Gary McAlpin (Collier County), will serve as the Executive Committee for 2020.

Board of Directors

Jennifer Bistyga, City of Boca Raton
Marina Blanco-Pape, Miami-Dade County
Steve Boutelle, Lee County
Damon Douglas, St. Johns County
Charlie Hunsicker, Manatee County
Emily Lewis, Charlotte County
Gary McAlpin, Collier County
Joshua Revord, St. Lucie County
Andy Squires, Pinellas County
Janet Zimmerman, Florida Inland Navigation District

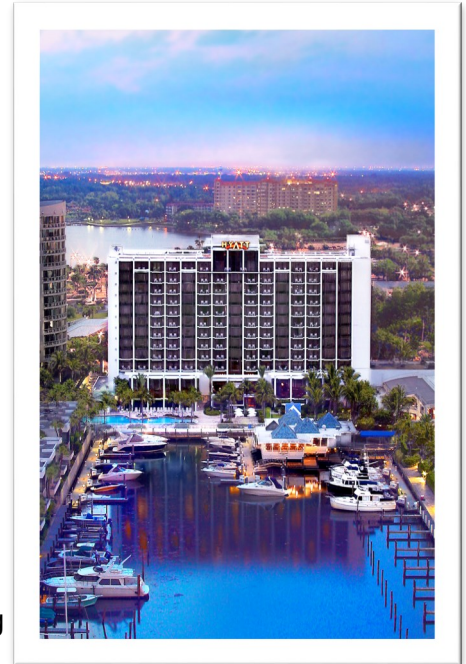
Ex-Officio Board Members

Kevin Bodge, Olsen Associates, Inc.
Bernie Eastman, Eastman Aggregates
Bill Hanson, Great Lakes Dredge & Dock Company

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2020 National Conference on Beach Preservation Technology

February 5-7 ♦ Hyatt Regency Sarasota



The National Conference on Beach Preservation Technology Planning Committee is pleased to announce its release of the [2020 Conference Program](#). The Committee thanks everyone who submitted an abstract on the innovative and thought provoking work that you've undertaken to improve and enhance the beaches and coastal systems where we work, live and recreate. The program reflects an outstanding agenda on the most current and relevant topics that affect our coastal resources including

Red Tide and Sargassum blooms, coastal resiliency features in projects, coastal mapping techniques, numerical modeling applications, sand management and geotechnical advancements, marine turtle monitoring strategies, and updates from agencies including the USACE, BOEM, and the Florida Department of Environmental Protection. We hope you agree, the conference is an exciting event to look forward to in 2020.

REGISTER TODAY

HOTEL RESERVATIONS

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**2020 Tech Conference DRAFT Program
February 5-7 ♦ Hyatt Regency Sarasota, Florida**

Wednesday, February 5, 2020

OPENING GENERAL SESSION

1:00 p.m. to 5:25 p.m.

1:00 p.m.

Welcome from Commissioner Charles Hines, Esq., Chair, Sarasota County Commission (invited)

1:10 p.m.

Manasota Key Beach Restoration – A True Regional Perspective

Michael Poff, P.E., Coastal Engineering Consultants, Inc., Vero Beach, FL

1:30 p.m.

Manasota Key Beach Project Design and Modeling

Vadim Alymov, Ph.D., Coastal Engineering Consultants, Inc., Vero Beach, FL

1:50 p.m.

Regulatory and Programmatic Updates from Florida Department of Environmental Protection Beaches Program

Lainie Edwards, Ph.D., Florida Department of Environmental Protection, Tallahassee, FL

2:15 p.m.

Adaptive Environmental Monitoring and Management: An International Best Practice Narrative on Addressing Site Specific Dredge and Reclamation Turbidity in South Florida

Josh van Berkel, DHI Water & Environment, Inc., Canada

2:35 p.m.

North Atlantic Comprehensive Coastal Study - Outcomes and Next Steps

Amy Guise, P.M.P., U.S. Army Corps of Engineers, Baltimore District, MD

2:55 p.m.

South Atlantic Coastal Study - Progress to Date

Pam Castens, P.M.P., U.S. Army Corps of Engineers, Wilmington District, NC and Matt Schrader, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL

3:15 p.m.

SAD-SAND Study Update

Angela Schedel, Ph.D., P.E. and Ken Craig, P.E., Taylor Engineering, and Clay McCoy, Ph.D., U.S. Army Corps of Engineers, Jacksonville District, FL

3:35 p.m.

Professional Exchange Break

4:05 p.m.

A New Test for Determining Beach Fill Sediment Quality

Krista Egan, P.E. and Kevin Bodge, Ph.D., P.E., Olsen Associates, Inc., Jacksonville, FL

4:25 p.m.

Concept to Construction

Will Reilly, P.E., Marty Durkin, and Kevin Hodgens, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL

Wednesday, February 5, 2020

OPENING GENERAL SESSION *continued*

1:00 p.m. to 5:25 p.m.

4:45 p.m.

Dynamic Modeling Approach for Mapping Coastal Flood Vulnerability in a Changing Climate:

Town of Palm Beach, FL

Kirk Bosma, P.E. and Robert Hamilton, Jr., Woods Hole Group, Bourne, MA, and Robert Weber, Town of Palm Beach, FL

5:05 p.m.

Balancing Act - An Analysis of Historical Shoreline Recession and the Need to Equitably Consider

Impacts to the Coastal System in Palm Beach County

Andy Studt and Chris Carstens, Department of Environmental Resources Management, Palm Beach County, West Palm Beach, FL

5:25 p.m.

Adjourn

6:00 p.m.

Welcome Reception

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Thursday, February 6, 2020**CONCURRENT SESSIONS****8:00 a.m. to 9:40 a.m.****SESSION A****8:00 a.m.****Quantifying Florida's Beach and Dune Resilience Using the Coastal Resilience Index**

Quin Robertson, Ph.D., P.G., Coastal Protection Engineering, Boca Raton, FL, Zhifei Dong, Ph.D., APTIM, Boca Raton, FL, Nicole Elko, Ph.D., American Shore and Beach Preservation Association, Folly Beach, SC, and Julie Rosati, Ph.D., US Army Corps of Engineers, Washington, DC

8:20 a.m.**Thinking Outside of the Box for Storm Repairs and Resilient Beach Designs**

Tara Brenner, P.G., P.E. and Quin Robertson, Ph.D., P.G., Coastal Protection Engineering, Boca Raton, FL

8:40 a.m.**A Proposed Strategy for Implementing Coastal Resiliency**

Jenna Phillips, Duncan Greer, P.E., and Angela Schedel, Ph.D., P.E., Taylor Engineering, Sarasota, Destin, and Jacksonville, FL

9:00 a.m.**Monitoring Benthic Communities to Fulfill Regulatory Requirements**

Jennifer Peterson, Ph.D. and Brendan Biggs., Ph.D., Florida Department of Environmental Protection, Tallahassee, FL

9:20 a.m.**Consideration of Natural Nearshore Hardbottom Variability for Beach Fill Design; Broward County, Florida**

Chris Creed, P.E. and Zachary Bedell, Olsen Associates, Jacksonville, FL, Cheryl Miller, Coastal Eco-Group, Deerfield Beach, FL, and Nicole Sharp, P.E., Environmental Planning and Community Resilience Division, Broward County Environmental Protection and Growth Management Department, Fort Lauderdale, FL

9:40 a.m.**Professional Exchange Break****SESSION B****8:00 a.m.****Managing the Threat of Sea Level Rise at Historical Waterfront Park**

Jannek Cederberg, P.E., Cummins Cederberg Coastal and Marine Engineering, Fort Lauderdale, FL

8:20 a.m.**Shoreline Management Challenges and Solutions in St. Johns County**

Damon Douglas and Stephen Hammond, St. Johns County Public Works Department, St. Augustine, FL, and Rajesh Srinivas, Ph.D., P.E., Atkins, Jacksonville, FL

8:40 a.m.**St. Joseph Peninsula Beach Restoration Project: "They Said it Would Never Be Built and Almost Wasn't. Twice!"**

Joseph Morrow, P.E., MRD Associates, Inc., Destin, FL

9:00 a.m.**Indian River County's Beach Preservation Plan Update and Beach Conditions Analysis**

Matthew Starr, P.G. and Jeff Tabar, P.E., Stantec Consulting Services, Tampa, FL and Laurel, MD, and Kendra Cope, Coastal Resources Division, Indian River County, Vero Beach, FL

9:20 a.m.**Indian River County Sector 5 Beach and Dune Restoration Project: Post-Dorian Update and Construction Progress**

Thomas Pierro, P.E., Coastal Protection Engineering, Boca Raton, FL and Kendra Cope, Coastal Resources Division, Indian River County, Vero Beach, FL

9:40 a.m.**Professional Exchange Break**

Thursday, February 6, 2020

CONCURRENT SESSIONS

10:10 a.m. to 12 noon

SESSION C

10:10 a.m.

Successful Sand Management at South Lake Worth Inlet (2002-2018)

Douglas Mann, P.E., APTIM, Boca Raton, FL

10:30 a.m.

Island-wide Sediment Budget for Jupiter Island

David Kriebel, Ph.D., P.E., Coastal Analytics LLC, Annapolis, MD

10:50 a.m.

Sediment Management Study of the Northern Shell Key (Pinellas County, FL)

João Dobrochinski and Zhifei Dong, Ph.D., APTIM, Boca Raton, FL; Andrew Squires, Environmental Management Division, Pinellas County, Clearwater, FL, and Tara Brenner, P.G., P.E., Coastal Protection Engineering, Boca Raton, FL

11:10 a.m.

Beneficial Use: Estuarine Island Creation with Intracoastal Waterway Maintenance Dredged Material in Lake Worth Lagoon; Palm Beach County, Florida

Yehya Siddiqui, P.E., Taylor Engineering, Inc., Oakland Park, FL, Lori Brownell, P.E., Port of Houston, Inc., Cypress, TX, Eric Anderson, Palm Beach County Environmental Resources Management, West Palm Beach, FL, John Vannoy, P.M.P., Orion Marine Construction, Inc., Tampa, FL, and Mark Crosley, Florida Inland Navigation District, Jupiter, FL

11:30 a.m.

A Structured Decision-Making Approach to Regional Sediment Management

P. Soupy Dalyander, Ph.D., The Water Institute of the Gulf, New Orleans, LA

12:00 p.m.

Luncheon (1 Hour 15 Minutes)

SESSION D

10:10 a.m.

Multipurpose Breakwater Reef, Galveston Island, TX

Coraggio Maglio, P.E., U.S. Army Corps of Engineers, Galveston District, TX, Reuben Trevino, Galveston Park Board of Trustees, Galveston, TX, and Jacob Breaux and Lisa McCracken Mairs, U.S. Army Corps of Engineers, Galveston District, TX

10:30 a.m.

Toler Place Breakwater Modification – Norfolk, VA

Yong Chen, Ph.D., P.E., Brian Joyner, P.E. and Ira Brotman, P.E., Moffatt & Nichol, Norfolk, VA

10:50 a.m.

Shoreline Management in Chesapeake Bay: Headland Breakwaters to Headland Control

C. Scott Hardaway, Jr., Virginia Institute of Marine Science, College of William and Mary, Gloucester Point, VA and James Gunn, Coastal Design and Construction, Inc., Gloucester, VA

11:10 a.m.

City of Naples, Florida Sustainable Stormwater Infrastructure Improvements for Improved Coastal Resiliency

Karyn Erickson, P.E. and Christin Perkinson, Ph.D., P.E., Erickson Consulting Engineers, Inc., Sarasota, FL, and Gregg Strakaluse, PE, Streets and Stormwater Department, City of Naples, FL

11:30 a.m.

The Engineering of the Island Style Breakwater System for the Ft. Pierce Marina

Jack Cox, P.E., Edgewater Resources, Madison, WI

12:00 p.m.

Luncheon (1 Hour 15 Minutes)

Thursday, February 6, 2020

CONCURRENT SESSIONS

1:15 p.m. to 3:15 p.m.

SESSION E

1:15 p.m.

Historical Analysis of the Change in Percent Fines during Beach Nourishment

Jennifer Coor, Ph.D., P.G., U.S. Army Corps of Engineers, Jacksonville District, FL and Jase Ousley, U.S. Army Corps of Engineers, Headquarters, Washington, D.C.

1:35 p.m.

Identifying and Managing Archaeological Resources in Sand Source Areas on the Outer Continental Shelf

Doug Jones, M.A., Bureau of Ocean Energy Management, New Orleans, LA

1:55 p.m.

Time and Cost-Efficient Post-Hurricane Emergency Sand Search for Mexico Beach

Beau Suthard, P.G. and Patrick Bryce, P.G., APTIM, Tampa, FL, Jeff Andrews, P.S.M., APTIM, Boca Raton, FL, and Tara Brenner, P.G., P.E., Coastal Protection Engineering, Boca Raton, FL

2:15 p.m.

The Marine Minerals Program: Informing Long-Term Restoration Planning Through Resource Management and Innovative Science

Jessica Mallindine, Bureau of Ocean Energy Management, New Orleans, LA

2:35 p.m.

Behavior, Seasonality, and Habitat Preferences of Fishes Within a Large Sand Shoal Complex

Jennifer Bucatari, Ph.D., Bureau of Ocean Energy Management, Sterling, VA

2:55 p.m.

Purchasing the Future, a Custom-Built Water Injection Dredge for the North Carolina State Ports Authority, Wilmington & Morehead City, North Carolina

Joe Wagner, P.E. and Leah DeLeon, P.E., Wood Environment and Infrastructure Solutions, Jacksonville, FL

3:15 p.m.

Professional Exchange Break

SESSION F

1:15 p.m.

Hydrodynamic Modeling for Living Shoreline Design, Queens, NY
Todd DeMunda, P.E. and Jeff Tabar, P.E., Stantec Consulting Services, Melbourne, FL and Laurel, MD

1:35 p.m.

Storm-Driven Morphodynamics of a Sandy Beach in Florida
Frank Carlin and Felix Jose, Ph.D., Department of Marine & Earth Sciences, Florida Gulf Coast University, Fort Myers, FL

1:55 p.m.

Wave Analysis for Broward County Convention Center Expansion
Aaron Chen, P.E., and Jeff Tabar, P.E., Stantec Consulting Services, Laurel MD

2:15 p.m.

Future Coastal Resiliency Planning for a Rapidly Evolving Barrier Beach/Tidal Inlet System: Use of Numerical Modeling in the Planning Process

John Ramsey, P.E., and Morgan Simms, P.G., Applied Coastal Research and Engineering, Inc., Mashpee, MA, and Theodore Keon, Town of Chatham Coastal Resources, Chatham, MA

2:35 p.m.

Indian River County Beach Template Design and Vulnerability Analysis Using SBEACH

Paul Carroll, P.E. and Jeff Tabar, P.E., Stantec Consulting Services, Laurel, MD, and Kendra Cope, Coastal Resources Division, Indian River County, Vero Beach, FL

2:55 p.m.

Defining Practical Limits for Borrow Area Effects on Wave Propagation, Currents and Potential Sediment Transport - Mexico Beach Study Case

Morjana Signorin, João Dobrochinski, and Kristina McCoy, P.G., APTIM, Boca Raton, FL, and Tara Brenner, P.G., P.E., Coastal Protection Engineering, Boca Raton, FL

3:15 p.m.

Professional Exchange Break

Thursday, February 6, 2020

CONCURRENT SESSIONS

3:45 p.m. to 5:25 p.m.

SESSION G

3:45 p.m.

Point and Shoot: Enhancing Coastal Lighting Evaluations with the Use of Laser Sighted GPS

Joseph Scarola, Ecological Associates, Inc., Jensen Beach, FL

4:05 p.m.

Turtle Friendly Lighting: Beneficial Technology for Coastal Communities and Wildlife

Stacey Gallagher, Sea Turtle Conservancy, Gainesville, FL

4:25 p.m.

Manatee County and Anna Maria Island Turtle Watch & Shorebird Monitoring: A Successful Partnership for Sea Turtle Protection and Public Outreach

Charlie Hunsicker, Parks and Natural Resources Department, Manatee County, Bradenton, FL

and Suzi Fox, Anna Maria Island Turtle Watch & Shorebird Monitoring, Bradenton Beach, FL

4:45 p.m.

Let There Be (Turtle-Friendly) Light! An Overview of Broward County's Beachfront Lighting Strategy

Stephanie Kedzuf, Environmental Planning and Community Resilience Division, Broward County Environmental Protection and Growth Management Department, Fort Lauderdale, FL

5:05 p.m.

High Resolution Underwater Mapping of the Osborne Tire Reef, Fort Lauderdale, Florida

Mark Schroeder, Keith Spring and Chip Bamberger, CSA Ocean Sciences Inc., Stuart, FL, John Morgan, P.L.S., Morgan & Eklund, Inc., Vero Beach, FL and Chris Creed, P.E., Olsen Associates, Jacksonville, FL

5:25 p.m.

Adjourn

SESSION H

3:45 p.m.

Re-imagining a Resort Shoreline: Half Moon, Jamaica

Kevin Bodge, Ph.D., P.E., Olsen Associates, Inc., Jacksonville, FL

4:05 p.m.

Hurricane Irma Impacts to Barbuda

Mike Jenkins, Ph.D., P.E., Applied Technology and Management, Inc., West Palm Beach, FL

4:25 p.m.

Bogue Banks Master Beach Nourishment Plan, NC - A Case Study in Coastal Resiliency

Johnny Martin, P.E., Moffatt & Nichol, Raleigh, NC

4:45 p.m.

Performance Metrics: Pinellas County's Beach Performance Index

John Bishop, Ph.D. and Andrew Squires, Environmental Management Division, Pinellas County, Clearwater, FL

5:05 p.m.

Updated FEMA Guidance and Methodology Impacts to Coastal LOMRs and CLOMRs

Adam Clinch, P.E. and Erin Benford, AECOM, North Charleston, SC

5:25 p.m.

Adjourn

Friday, February 7, 2020**CLOSING GENERAL SESSION****8:00 a.m. to 12:20 p.m.****8:00 a.m.****On the Recurrent Sargassum Blooms in the Intra-Americas Sea and Atlantic Ocean****Mengqiu Wang, Ph.D., Chuanmin Hu, Ph.D., and Brian Barnes, Ph.D., College of Marine Science, University of South Florida, St. Petersburg, FL****8:20 a.m.****On-the-Ground Challenges and Practicalities of Sargassum Management****Margarita Kruyff, Environment & Sustainability Department, City of Miami Beach, FL and Mark Richard, Miami-Dade County Parks, Recreation, and Open Spaces, Key Biscayne, FL****8:40 a.m.****Florida Red Tide Panel – Impact, Response, and Lessons Learned from Four Coastal Counties****Kelli Levy, Public Works Department, Pinellas County, Clearwater, FL, Charlie Hunsicker, Parks and Natural Resources Department, Manatee County, Bradenton, FL, Steve Boutelle, Lee County Natural Resources Division, Ft. Myers, FL, and Nicole Sharp, P.E., Environmental Planning and Community Resilience Division, Broward County Environmental Protection and Growth Management Department, Fort Lauderdale, FL****9:10 a.m.****Manatee County, Nearshore Hardbottom and Artificial Reef Red Tide Impact and Recovery****Katy Brown, APTIM, Boca Raton, FL, Lauren Floyd, Coastal Protection Engineering, Boca Raton, FL, and Charlie Hunsicker, Parks and Natural Resources Department, Manatee County, Bradenton, FL****9:30 a.m.****The Florida Red Tide Mitigation & Technology Development Initiative****Kevin Claridge, Mote Marine Laboratory & Aquarium, Sarasota, FL****9:50 a.m.****Professional Exchange Break****10:20 a.m.****The Florida Coastal Mapping Program: Coordinating High-Resolution Mapping of the State's Coastal Waters****Cheryl Hapke, Ph.D., College of Marine Science, University of South Florida, St Petersburg, FL; Rene Baumstark and Ryan Druyor, Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute, St Petersburg, FL, Xan Fredericks, USGS St Petersburg Coastal and Marine Science Center, St. Petersburg, FL, and Kim Jackson, Florida Department of Environmental Protection, Tallahassee, FL****10:40 a.m.****Update on the Revised SARBO****Dylan Davis, U.S. Army Corps of Engineers, South Atlantic Division, Atlanta, GA****11:00 a.m.****Beach Nourishment Versus Sea Level Rise on Florida Coasts****James Houston, Ph.D., U.S. Army Engineer Research and Development Center, Vicksburg, MS****11:20 a.m.****Future 100 Year Flood Map for Coastal Resiliency in Broward County****Mark Ellard, P.E., Geosyntec Consultants Inc., Winter Springs, FL and Carolina Maran, Ph.D., P.E., Environmental Planning and Community Resilience Division, Broward County Environmental Protection and Growth Management Department, Fort Lauderdale, FL**

Friday, February 7, 2020

CLOSING GENERAL SESSION continued

8:00 a.m. to 12:00 p.m.

11:40 a.m.

Resilience in Action: Connecting Engineers, Nature, and Communities

Dani Boudreau and Brian Leslie, GHD, San Diego, CA

12:00 p.m.

Coastal Outreach Importance on Shore Protection, Navigation and Resiliency Projects

Doris Otero, APTIM, Boca Raton, FL

12:20 p.m.

Conference Adjourns

Subject to change, any updates as necessary will be made online and presenters notified

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Crisis Communications

Four tips to follow before "it" hits the fan

By Cheryl Stopnick, Sachs Media Group

A crisis will come knocking when you least expect it. It might be a hurricane, a jobsite accident, a citizen protest, or an employee who sues for job discrimination and takes their case to social media or the local newspaper.

Generally, a crisis is sudden, could not have been planned for or predicted, and represents a fundamental threat to your organization, reputation, or bottom line. While you may not know exactly the form a crisis will take or when it will erupt, the day likely will come when you will have to grapple with a serious threat to your organization.

So, what can you do to make sure you're ready when "it" hits the fan?

Tip 1: Be prepared. Have a plan.

The best time to plan for a crisis is when you aren't in the middle of one. You wouldn't start drafting a hurricane plan when a 100 mph storm was on your doorstep. Crisis communications planning is no different. Answer these questions and you'll have the beginnings of a solid communications plan.

Who is on your crisis team? What are their roles? How will you reach them quickly?

Who is your spokesperson? Pick someone who is confident, competent, and calm under pressure.

Who are your audiences? You may have multiple audiences – the public, your employees, vendors, customers, board members, or elected officials. Your audiences should hear about bad news from your top leaders, not by reading about it online or seeing it on the 6 o'clock news.

How will you communicate? For internal audiences it might be an in-person meeting, email or phone calls. For media and the public, it might be a written statement, phone interview, social media post, or news conference.

Mapping out a plan in advance will give you a roadmap to follow when a crisis hits.

Tip 2: Get the facts, fast. Tell the truth. Never lie.

Absolutely always tell the truth.

Between a 24/7 news cycle and social media, it's more important than ever to get all the facts quickly and provide regular updates. In a crisis, you have an opportunity to establish your organization as the trusted source of information and to have the media and other parties look to you for the truth and for trustworthy updates. And don't be afraid to correct the record if the media get it wrong.

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Don't ever speculate or share information prematurely. Only share what you can confirm. It's okay to say "I don't know but I'll try to get you an answer." Or, "I'm not at liberty to disclose that information." Above all, never lie.

Tip 3: Keep the media fed. Early, regularly, truthfully.

Forty years ago, you had to get information to the media before the printing press started to run tomorrow's newspaper and before the 6 o'clock news. Those days are long gone. The digital world has rendered news a 24/7 business and with smartphones, everyone is a reporter and photographer these days.



If you don't satisfy the media's need for information, others will. The media will report the story with or without a comment from you. It's important to react quickly and give them a statement even if there isn't much information, so your comment is included in the early versions of any story.

Provide ongoing updates, even if they seem minimal to you or just repeat previously verified information.

Tip 4: No comment = Guilt.



People expect information and your goal should be to give it to them.

Commenting can be tricky if you or your organization is in litigation and your attorney advises you not to say anything. In a court of law there is a presumption of innocence, but in the court of public opinion, if you stay silent people will assume there must be something to the allegation. The longer you wait, the harder it becomes to convince people otherwise.

Generally, a middle road can be found that doesn't have you saying so much that you increase your liability or compromise your legal interests, but that still positions you as a caring human being and your organization as responsible, accountable and transparent.

The first minutes and hours of a crisis provide the opportunity to perform well or compound the problem. The secret is preparing, training, and being ready to respond quickly. Because in today's hyper-connected, fast-moving world, it's a matter of when, not if.

Cheryl Stopnick is the senior vice president of public relations and a veteran crisis communications strategist for Sachs Media Group in Tallahassee.

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U.S. Army Corps of Engineers Jacksonville District



US Army Corps of Engineers®

Surfside Beach Renourishment Project Update

The Surfside Beach renourishment project is part of the Miami-Dade County Beach Erosion Control and Hurricane Protection Project. The Surfside project is the first part out of four for planned beach renourishment projects in Miami-Dade County. The other three projects include renourishment of the Miami Beach Hotspots (27th Street, 44th Street, and 66th Street), renourishment of Bal Harbour, and a countywide renourishment.

The U.S. Army Corps of Engineers awarded the \$17.9 million Surfside Beach construction contract to Continental Heavy Civil Corporation. The project is 100% federally funded under the Bipartisan Budget Act of 2018 (Public Law 115-123) in response to the frequent coastal disasters that have impacted the coast the past few years.

Construction of the Surfside renourishment began in August 2019 and is expected to continue until March 2020 with the contractor moving from south to north. **Figure 1** shows the progress made on the project (as of 23 November) and the expected construction schedule for the rest of the project. The project will place approximately 330,000 cy of beach quality sand on the beach. The sand is being hauled by trucks from an upland mine source.

Further project updates for the current construction activities for the 2019 Surfside Beach Renourishment can be found on the U.S. Army Corps of Engineers Jacksonville District’s Facebook page at: <https://www.facebook.com/JacksonvilleDistrict/>

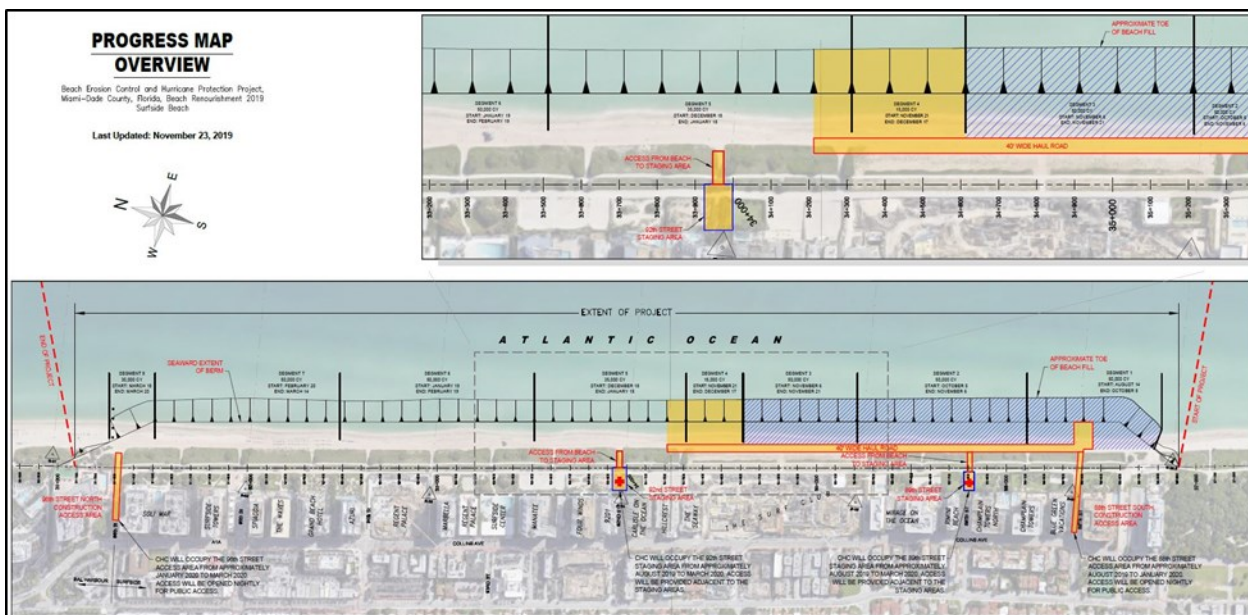


Figure 1: Progress Map from 23 November 2019



Figure 2: Photo Update of Surfside Beach Renourishment Project progress from 23 October 2019

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FDEP Office of Resilience and Coastal Protection Updates



Rule 62B-36 Ranking Methodology Workshop

The first workshop will be on December 11 at 10 a.m. in Tallahassee, via webinar. We anticipate at least two hours, as there are many issues to discuss.

The purpose of the workshop is to receive feedback on a revised beach and inlet projects ranking methodology pursuant to Chapter 62B-36, Florida Administrative Code, following amendments to sections 161.101 and 161.143, Florida Statutes. Chapter 2019-122 Laws of Florida (House Bill 325) passed in the Legislature in April 2019. The amendments to sections 161.101 and 161.143, F.S. became effective July 1, 2019, but the amendments to Chapter 62B-36, F.A.C. will not go into effect until July 1, 2020. The department is requesting your participation in this public workshop to discuss the proposed amendments to the ranking methodology.

The presentation is available upon request to Hanna Tillotson; Hanna.Tillotson@FloridaDEP.gov

To register for the webinar, please follow this link: <https://attendee.gotowebinar.com/register/6780674317859479043>

Telephone call-in number: +1 (213) 929-4232

Access code: 661-335-377

PIN: displayed after joining the webinar

WORKSHOP AGENDA

Florida DEPARTMENT OF ENVIRONMENTAL PROTECTION
December 11, 2019, 10 a.m., Carr Building Conference Room 170
THIS MEETING IS OPEN TO THE PUBLIC

Call to Order

- Purpose of the workshop: The department is requesting feedback on a revised beach and inlet project ranking methodology pursuant to Chapter 62B-36, F.A.C., following amendments to sections 161.101 and 161.143, F.S.
- Date workshop was published in the FAR: November 26, 2019

2. Introduce DEP Staff.

3. Review beach and inlet ranking methodology amendments.

4. Receive public comments on methodology.

5. Remaining rulemaking process, as currently anticipated:

- Submit written comments to Beaches_Funding@FloridaDEP.gov by January 8, 2020.
- Additional workshop will be held in February 2020 to discuss the revised rule language.

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- The rule will go into effect on July 1, 2020. The application and process for the FY 2021-2022 Local Government Funding Request will reflect these changes.

Light Pollution Management Workshop

A Light Pollution Management Workshop hosted by the University of Florida's Archie Carr Center for Sea Turtle Research drew 22 research, conservation group, industry, local government and agency staff to address lights and sea turtles on Florida's beaches. The workshop held November 20-21, 2019 in Gainesville, Florida, offered an opportunity for the diverse group of participants to share accomplishments, identify barriers and brainstorm new solutions to light pollution on sea turtle nesting beaches in Florida. It also provided a forum to follow up on conservation goals proposed five years ago at a workshop funded by the Disney Conservation Fund's "Saving Wildlife" program and to focus more specifically on sea turtle lighting.

Highlights of the workshop included accomplishments in new technology and research on hatchling disorientation, the sharing of incredible outreach, training and education partnerships and the frank discussions of lighting ordinances and code enforcement. Benefits from coordination of conservation activities, sharing of information, and prioritizing future activities will likely keep this effort going strong. For more information, email Cynthia Lagueux at clagueux@ufl.edu.

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SAVING FLORIDA'S OCEANS AND COASTS

Tuesday ~ February 25, 2020

Ocean and Coastal Exhibits

The Capitol Rotunda, 2nd and 3rd floors, 9:00 am – 4:00 pm

Sponsor: Florida Institute of Oceanography

Mote Legislative Reception

The Capitol, 22nd Floor, 5:30 pm – 7:30 pm

Sponsor: Mote Marine Laboratory



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Shoreline

A monthly electronic publication of the Florida Shore & Beach Preservation Association.

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Florida Shore & Beach Preservation Association
 PO Box 13146, Tallahassee FL 32317
 Phone: (850) 906-9227 • Fax: (850) 462-3575
www.fsbpa.com • mail@fsbpa.com

CALENDAR OF EVENTS**FSBPA Conferences**

February 5-7, 2020

National Conference on Beach Preservation Technology
Hyatt Regency Sarasota, FL

September 16-18, 2020

FSBPA Annual Conference
Hyatt Regency Coconut Point, Bonita Springs, FL

Other Dates of Interest

February 17-18, 2020

23rd Annual Florida Marine Turtle Permit Holder Meeting
Sheraton Bay Point Resort
Panama City, Florida

March 24-26, 2020

ASBPA Coastal Summit
Washington, DC

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