



2022 Florida Resilience Conference Final Countdown

The Florida Resilience Conference featuring FSBPA's 65th Annual Meeting begins in just 33 days, and we hope you are ready for the official call to order by the infamous FSBPA swinging bell! We have enjoyed working with Resiliency Florida this summer to develop four tracks of instruction on resilience issues that matter to our members and other stakeholder groups with similar interests. The program is truly humming with outstanding speakers prepared to discuss the state of Florida's beaches and the effects of climate change on Florida communities. See what all the buzz is about by visiting the conference website and securing your seat at the table today.

Here is a sampling of Highlights from the Opening Session and Beach Management Track

- Legislative Keynote Address by Senator Kathleen Passidomo, District 28
- USACE Jacksonville District Commander's Update on Florida's Beaches, Colonel James Booth

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National Conference
on Beach Preservation
Technology

**February 1-3, 2023 * Fort Myers, Florida
Call for Abstracts**

Deadline: October 14, 2022

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- Coastal Storm Damage Reduction Planning with the USACE, Eric Summa, Policy and Planning Chief, SAD, USACE
- The Future is Here: Adaptation as Necessity, Wesley Brooks, Chief Resilience Officer
- A Statewide Perspective on Resilience, Adam Blalock and Alex Reed, FDEP
- Planning for Florida's Future, Tara McCue, East Coast FL Regional Planning Council
- Federal Funding for Beaches: Recent Decisions and Implications, Bob Glassen, Beach Specialist, FEMA and Jackie Keiser, Hurricane Emergency Restoration Division, SAD USACE
- Legal panel discussion on public beach access and customary use of Florida's beaches
- Lee County's successful beach management program – policy development, funding strategies, project planning, and implementation
- Panel discussion on unlocking funds for infrastructure projects

Please visit our [conference website](#) to view the full program and share with others. [Early registration rates](#) end on **September 9**.

**The 2022 annual
membership meeting
will be held on-site at
Hyatt Regency Coconut Point
on October 6 at 12:05 pm**

Announcing the FSBPA 2022 Award Winners, a banquet tradition like no other

The 2022 FSBPA Awards Banquet will take place at 6:30 pm on Thursday evening, October 6, in the Hyatt Regency Coconut Point Calusa Ballroom where honorees will be recognized for their outstanding service to beach preservation. We hope you will make plans to join us for this evening affair when we will pay tribute to three remarkable champions of Florida's beaches, dunes, and coastal habitat – and the people, plants and wildlife that call these places home. The evening festivities promise to be a memorable occasion thanks to our generous Gold Level Banquet sponsor, Coastal Protection Engineering, and Silver Sponsors, APTIM, Coastal Engineering Consultants, Inc., and Lewis, Longman and Walker. We would also like to send a special note of appreciation to our longtime awards plaque sponsor, Brett Moore and Humiston & Moore Engineers. Thank you for your continued support of the Awards Banquet.

Presenting the 2022 Annual Conference Award Recipients

Charlie Hunsicker, Stan Tait and Deborah Flack Award

Charlie Hunsicker is the 2022 recipient of the Stan Tait and Deborah Flack Award, the Association's highest honor, for his outstanding contributions to the preservation of beach and coastal systems for more than 40 years. Charlie was nominated by Nicole Sharp, APTIM, and Tom Pierro, CPE, who based their nominations on his tireless efforts and boundless energy to preserve beaches and other sensitive habitats in Manatee County. Charlie is the Director of Natural Resources Department for Manatee County and has directed the coordination and construction of many coastal infrastructure projects including the Anna Maria Island, Coquina Beach Renourishment, and the Longboat Pass Inlet Management Program. Aside from Charlie's director duties, he has generously served the FSBPA Board of Directors for a total of 11 years and is in his second tenure as Chair. Charlie previously received the FSBPA Environmental Award in 2002 and Local Government Award in 2014. His commitment to the preservation of Manatee County beaches and the statewide beach program demonstrates that he is most worthy of this highest honor. Over the years, Charlie's prominent voice, contagious energy, and unwavering advocacy for beaches have made a very special mark on everyone who has had the privilege of working with him. Please join us in recognizing him next month at this joyful and memorable occasion.



Joshua Revord, Local Government Award



We are excited to announce Joshua Revord, Senior Coastal Engineer for St. Lucie County, as this year's recipient of the Local Government Award. Niki Desjardin, Ecological Associates, Inc., and Tem Fontaine, Coastal Technology Corporation nominated Joshua for his significant contributions to beach preservation in St. Lucie County. Joshua leads the county's beach and inlet management efforts and has earned the title of "beach champion," by taking the time necessary to learn all aspects of a project, listen to stakeholders needs, and find solutions to successfully complete the county's priority projects. He is responsible for public outreach with residents and the Board of County Commissioners and is regarded for his helpful attitude and respectful interactions with others. This year Joshua helped to spearhead the construction of the South Hutchinson Island Federal Beach Project. He oversaw transition of this once non-federal project to a fully authorized, funded, and constructed federal project, while advancing the county's efforts to construct an impoundment basin in Ft. Pierce Inlet and fulfill local sponsor obligations for the Ft. Pierce Shore Protection Project. Lastly, he and Olsen Associates finalized critical updates to the Ft. Pierce Inlet Management Plan, charting the course for effective inlet management. Joshua serves as a director on the FSBPA board and his enthusiasm for beaches is unrelenting. He is truly deserving of this celebrated award. Congratulations!

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Suzi Fox, Environmental Award

We are delighted to announce Suzi Fox as this year's recipient of the FSBPA Environmental Award. Suzi was nominated by Lauren Floyd, CPE, and Charlie Hunsicker, Manatee County for her passionate protection of Anna Maria Island's sea turtles, shore birds, and the coastal habitats they call home. For over 30 years, she has served as the Director of Anna Maria Turtle Watch & Shorebird Monitoring. Suzi, in coordination with her staff and countless volunteers, work to promote conservation efforts along 12 miles of Anna Maria Island's shoreline. They also conduct annual monitoring of shorebird and sea turtles for Manatee County. Suzi also conducts lighting surveys and, from time to time, she visits homeowners and businesses to explain lighting concerns and the importance of correcting them. Besides having boots in the sand, Suzi leads public outreach efforts to educate residents, businesses, and visitors to the island about the importance of wildlife and their habitats. She leads "Turtle Talks and Adopt – a Nest programs.

Suzi is an inspiration to those who work with her and a mentor to the school children she's introduced to the unique coastal wildlife found on local beaches. Her engaging personality helps residents and visitors alike to feel an obligation of stewardship to the area. Thank you, Suzi, for your commitment to protecting beaches, dunes, and the resident wildlife for us and future generations to enjoy.



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Dade County Beach Erosion Control & Hurricane Project Bal Harbour Segment



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The Bal Harbour Segment of the Dade County Beach Erosion Control & Hurricane Protection (BEC&HP) project is located in Miami-Dade County, Florida, specifically within the municipality of the Village of Bal Harbour and approximately 10 miles northeast of Downtown Miami and only 7.5 miles north of South Beach (Figure 1).



Figure 1: Project is located in Miami-Dade County, Florida. Source: Wikipedia

The Dade County BEC&HP was originally authorized by Section 203 of the Flood Control Act of 1968 (Public Law 90-483) dated August 13, 1968, following receipt of the Chief of Engineers Report dated March 30, 1967, and South Atlantic Division's transmittal of the Jacksonville District's Cooperative Beach Erosion Control Study and Hurricane Protection Study of Dade County, FLA., from Government Cut to North County Line to the Chief of Engineers on June 7, 1965. The study area covered approximately 14.5 miles of the ocean shoreline of Dade County north of Government Cut to the Dade/Broward County line. The purpose of the beach erosion control phase of the study was to determine the best method of restoring and stabilizing the beach, and the purpose of the hurricane study phase was to develop an adequate plan of protection against hurricane tidal flooding between Government Cut and Bakers Haulover Inlet.

The authorized project as described in the Chief of Engineers Report provided for the construction of a protective and recreational beach and a protective dune for 9.4 miles of shoreline between Government Cut and Bakers Haulover Inlet, which encompasses Miami Beach, Surfside, and Bal Harbour, and for the construction of a protective and recreational beach along 1.2 miles of shoreline at Haulover Beach Park, north of Bakers Haulover Inlet. Between Government Cut and Bakers Haulover Inlet, the plan provided for a dune 20 feet wide at 11.5 feet above mean low water (MLW) that sloped down to a level berm 50 feet wide at elevation 9.0 feet MLW with natural slopes as shaped by wave action. As authorized, a recommended renourishment interval was not provided for the project, but periodic nourishments were anticipated as needed to compensate for erosion losses over the 50-year period of Federal participation.

The project was modified by Section 69 of the Water Resources Development Act (WRDA) of 1974 (Public Law 93-251) dated March 7, 1974. The modification allowed for initial construction by non-Federal interests (the Sponsor – Dade County), and for subsequent future nourishment by Federal or non-Federal interests, of the 0.85-mile project segment immediately south of Baker's Haulover Inlet (Bal Harbour Segment).



Figure 2: Location of Bal Harbour Segment in Miami-Dade County.

The Bal Harbour Segment of the Dade County BEC&HP project is specifically located within the Village of Bal Harbour. The 0.85-mile segment spans from the Bakers Haulover Inlet south jetty (FL Department of Environmental Protection [FDEP] R-monument R-27) to 96th Street (R-31.3). Figure 2 shows the location of the Bal Harbour Segment in Miami-Dade County. The Bal Harbour Segment was initially constructed in 1975 with approximately 1.625 million cubic yards (cy) of fill material obtained from various offshore borrow areas.

Following completion of initial construction in 1975, the Bal Harbour Segment has undergone additional periodic nourishments in 1990, 1998, 2003, 2007, 2009, 2010, 2014, 2017, and 2022. The various nourishments have ranged in volumes from 15,000 cy to approximately 236,000 cy across the segment. One very unique aspect of the Bal Harbour Segment is the variety of fill material sources for its nourishments. The nourishment events reported in 1998, 2007, 2010, March 2014, and 2017 were associated with maintenance dredging of the Atlantic Intracoastal Waterway (AIWW) located west of Bakers Haulover Inlet. During some maintenance dredging

events, additional fill material was taken from the Bakers Haulover Inlet (BHI) flood shoal. In addition, fill material sources for nourishments between 1990 and 2022 have consisted of an offshore borrow area (1990), the BHI ebb shoal (2003 and Jan. 2014), the BHI flood shoal (2022), and upland mines (2009 and 2022).



Photo: Facing north at the Bal Harbour Segment.

The most recent nourishment was completed between January and April 2022. The initial plan for the nourishment consisted of dredging 90,000 cubic yards of material from the AIWW and the BHI flood shoal and truck hauling 110,000 cy from an upland mine for placement across the segment. During construction, additional material was identified within the AIWW and the BHI flood shoal thereby increasing the dredging amount and allowing a reduction to the truck haul quantity. In summary, approximately 144,200 cy of dredged material was placed between R-27 and R-30.5 and approximately 32,000 cy of truck-hauled material was placed between R-30.5 to R-31.5. These modifications during construction allowed the project to be

completed for less dollars than originally budgeted, reduced risk towards truck-haul activities not having to traverse as much of the beach as originally planned, and reduced the potential costs for future maintenance dredging of the AIWW by removing additional material identified during the Bal Harbour Segment's nourishment.

In anticipation of the Dade County BEC&HP project expiring in 2025 following its initial 50-year period of Federal participation, the U. S. Army Corps of Engineers, Jacksonville District has completed an integrated feasibility report and environmental assessment for Miami-Dade County's Main Segment, which encompasses Miami Beach, Surfside, and Bal Harbour, under a Coastal Storm Risk Management (CSRM) study. Findings of the study determined that there is Federal interest in a project for CSRM purposes along portions of the Atlantic Ocean shoreline of Miami-Dade County, Florida. Based on the findings of the study and the recommended plan, a Chief of Engineers Report is anticipated in late September/early October 2022.

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FDEP Office of Resilience and Coastal Protection Updates



Beach Management Funding Assistance

The Florida Department of Environmental Protection received applications for FY2023/2024 state funding for 38 beach projects with a total state share of more than \$29 million and 11 inlet projects with an estimated state share of more than \$6 million. Staff are reviewing the applications and expect to release the draft assessments on Sept. 14, 2022.

Local sponsors will have 21 days to submit any comments and the signed resolutions from their governing bodies pledging their intent to support the project. Please see Beaches Funding Assistance Information for details.

Also, we welcome Anthony Sogluizzo as Grant Manager for Manatee through Collier counties. You can contact him at 850-245-8626.

Coastal Partnership Initiative Grant Program

The Coastal Partnership Initiative (CPI) grant program was developed to protect and effectively manage Florida's coastal resources at the local level. The Florida Coastal Management Program (FCMP) makes federal National Oceanic and Atmospheric Administration Coastal Zone Management Act funds available on a competitive basis to eligible local governments. They are defined as Florida's 35 coastal counties and all municipalities within any county boundaries that are required to include a coastal element in their local comprehensive plan.

Florida public colleges and universities, regional planning councils, national estuary programs and nonprofit groups can apply if an eligible local government agrees to participate as a partner.

CPI grants support innovative local coastal management projects in four program areas: resilient communities, public access, working waterfronts and coastal resource stewardship. The application period is from September through October 2022, and funding begins on July 1, 2023.

Eligible entities may apply for grants for community projects such as habitat restoration, park planning and improvements, waterfront revitalization and improvements to community resiliency to coastal hazards.

Please visit DEP's CPI webpage for detailed application procedures, prior-year project abstracts, funding eligibility, matching requirements, review procedures and other details about submitting a CPI grant application. You can also contact the FCMP Grants Section at FCMPMail@FloridaDEP.gov or 850-245-2094.

Beaches, Inlets and Ports Staff Changes

We welcome Rachel Thomas as our newest Environmental Consultant in the Resource Review section. Rachel recently completed her Ph.D. in Chemical Oceanography at Florida State University. Her contact information is Rachel.K.Thomas@FloridaDEP.gov or 850-245-8814.

We also welcome Madison (Maddi) Williams, Environmental Specialist I, to the permitting section as the manager for Joint Coastal Permits and Environmental Resource Permits for the Panhandle (Escambia-Hillsborough) counties. Her contact information is Madison.K.Williams@FloridaDEP.gov or 850-245-8348.

We are saying goodbye to Andrew Skunda and Lindsay Brantley of the compliance section. However, Lindsay may still be keeping an eye on her projects as she will work in compliance for the U.S. Army Corps of Engineers.

Annual Inlet Report

The second Annual Inlet Report was recently posted on our website. This report highlights how well each of the managed inlets in Florida are meeting bypassing objectives.

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National Conference on Beach Preservation Technology

Call for Abstracts Deadline: October 14, 2022

The 2023 Tech Conference will be held for the first time in Fort Myers at the [Luminary Hotel](#). The hotel is innovative and quirky and sits on the Caloosahatchee River, within walking distance of the downtown restaurants and galleries and a short drive to Lee County's renowned beaches. It is an amazing opportunity for professional and cultural development. Put on your thinking caps and **submit an abstract** by **October 14, 2022**. For more details visit, <https://www.fsbpa.com/tech-conference/presentations.html>.

We welcome abstracts on the topics listed below:

- Shore protection projects and coastal management
- Coastal research and environmental science
- Coastal resilience, sea level rise, and nuisance flooding
- Sand source availability and regional sediment management
- Regional comprehensive coastal studies
- Beach and nearshore hydrographic surveying advancements and drone technology
- Dredging technology
- Coastal hazard and infrastructure management
- Coastal management policy decisions and lessons learned
- Living shorelines, seagrass and habitat creation
- Coastal pier construction projects
- Beach operations and maintenance
- Red tide and other Harmful Algal Blooms
- Storm surge modeling

Please submit abstracts **not to exceed two pages in length**, in PDF format, [using this form](#), by the abstract deadline mentioned above. The abstract must include name, affiliation, and contact information, including email address. The National Conference on Beach Preservation Technology Planning Committee will evaluate all abstracts. Abstract submittals shall describe the content of the proposed presentation and why it may be of interest to conference attendees. Abstracts shall include discussion on objective/motivation, methods/approach, results/findings, and conclusions/lessons learned.

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Shoreline

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

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CALENDAR OF EVENTS

FSBPA Conferences

October 5-7, 2022

2nd Annual Florida Resilience Conference
featuring the 65th FSBPA Annual Meeting

Hyatt Regency Coconut Point
Bonita Springs, Florida



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February 1-3, 2023

36th National Conference on Beach Preservation Technology

Luminary Hotel & Co., Autograph Collection
Fort Myers, FL

Other Events

September 13-16, 2022

2022 ASBPA National Coastal Conference
The Westin Long Beach, California

November 18, 2022 - 11 am to 2 pm

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Event flyer for Florida's Blue Economy - Building a Sustainable Future Leadership Meeting & Luncheon on November 18, 2022, featuring Royal Caribbean Cruises' Liberty of the Seas.