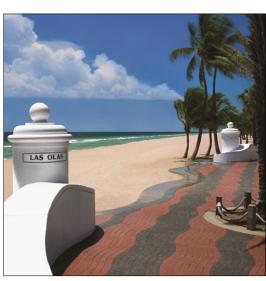
news from the Florida Shore and Beach Preservation Association

August 2017

Celebrating 60 Years! A Message from FSBPA Chair Jim Trifilio

60 years is a long time. Think about it. How many organizations even survive for 60 years let alone flourish and continue to be the champion for the foundation of our State's economy, the beaches. I am honored to serve as the Chairman of the Florida Shore and Beach Preservation Association during the Association's 60th annual conference.

Click here to continue reading



Join us in Fort Lauderdale September 27-29 for the 60th annual FSBPA Conference!

2018 Pre-Session Legislative Update

Debbie Flack, 7/28/17

It is traditionally far too early to focus on the 2018 Session, but is a reality associated with the second even-year "early" legislative session. It means interim committee meeting weeks will begin September 11, to be followed by the Weeks of October 9, October 23, November 6, November 13, and December 4 before the 2018 Session convenes on January 9. It is scheduled to end March 9.

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FSBPA and hope that you
enjoy your time here.

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ANNOUNCING THE

61st Annual Conference

September 19-21, 2018 Clearwater Beach Hyatt Regency Clearwater Beach, Florida

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Fortunately, the committee calendar didn't interfere with our 60th Diamond Anniversary Conference, September 27-29, in Fort Lauderdale, which might otherwise have jeopardized the attendance of key speakers and agency personnel. We anticipate an outstanding conference, benefitting from special social events, an extended field trip, a timely program with several panels focused on the past decade, while recognizing with special awards those that have made exceptional "diamond" contributions to Florida's beach program. The advocacy agenda for Florida's beaches for the coming year will again be discussed by Senator Jack Latvala, last year's sponsor of SB 1590, and returning Chairman of the full Senate Appropriations Committee.

Our ongoing legislative initiative has always been referred to as "Beaches 2017 and Beyond." We are fortunate to be able to build upon last session's successes in 2018, while appreciating how exceptionally well Florida's beaches fared despite the incredibly difficult past session.

Beaches were finally recognized for their importance to Florida in the 2017 Legislative Session. \$50 million in funding for the traditional program and \$13.3 million for storm damage recovery in a year where there was no increase in the overall budget, doc stamp revenues were less, and competition for Amendment 1 (LATF) funding was formidable. **Beaches were a winner**—unprecedented state funding for the traditional program. \$30 million of the \$50M in **recurring trust funding** was a monumental accomplishment in this dysfunctional session. Achieving FSBPA's goal to elevate the funding emphasis on inlet management projects, specifically major construction projects was also unprecedented. And while substantive bills (SB 1590 and HB 1213 – Coastal Management) did not pass, we have evidence in the final projects funded their intent was advanced, and the integrity of the selection process preserved.

The legislative emphasis for the 2018 Session will continue to focus on overall funding and how best, in this political environment, to sustain it. FSBPA is anticipating and will again champion the substantive legislation that so many of our local governments and associations as well as other coastal interests actively lobbied, while recognizing last session's six unanimous votes did not ensure success. Nevertheless, we will likely try again with renewed input from our legislative champions, despite considerable uncertainty regarding a different outcome.



It is not likely substantive beach bills, if reintroduced in the House and Senate for the 2018 Session, will deviate from the provisions already unanimously embraced and voted on this past session.





Most importantly we must continue to work together with all our members and other coastal interests to sustain the current (17/18) \$50 million annual statewide beach management funding level, and raising the current \$30M in recurring trust fund revenues to the full \$50M in dedicated funding— ideally in statute if we can pass substantive Coastal Management legislation. No small feat! Seems demands to earmark Amendment 1 trust funds are never ending. We can expect Florida Forever (land acquisition program) to get considerable attention, Greenways and Trails to seek \$25M, and we should anticipate efforts

to increase trust funding for St. Johns River. There may also be a major statewide estuary legacytype bill. None of these initiatives currently receives adequate or predictable funding, and to do so is only getting more difficult.

FSBPA awaits direction and detail from Senator Latvala at our upcoming conference as part of his Friday (September 29) Keynote. He has gotten us to where we are now with the widespread support of the entire Senate. He might adjust strategy, players, etc., but his commitment to Florida's beaches will not waiver. Issues with the House are not so easy to address or even anticipate, largely because they are often focused on individuals and philosophies, not substance or bill content. Fortunately, we have some coastal House Members that we know will support our efforts on behalf of beaches.

To get a jumpstart on funding needs for FY 2018/19, we will review local government funding project requests, due August 1, when posted on the DEP website. Once we know for certain that substantive legislation will be filed, we will quickly highlight its content and ask you to once again be an integral part of our messaging.

Diana Ferguson (Legislative Services, Rutledge-Ecenia) and I look forward to again serving member governmental needs on behalf of Florida's beaches.

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For those of you who having been coming to our annual conferences, you know how rewarding, informative and enjoyable they are. For those of you who have never attended, there's no better time than this September. Take a look at the program schedule. You'll see speakers that have been involved with coastal issues for decades. When you attend you'll hear discussions on policy, engineering, economics and the environment. The speakers and panelists come from all walks of life, including elected leaders, coastal engineers, biologists and tourism officials to name just a few. Just as important as the formal presentations are the friendships you'll make at the welcome reception, evening social and the awards banquet.

If for no other reason, you should attend the conference to hear the keynote address from Senator Latvala. We are fortunate to have found a new champion for our beaches and as a group and as individuals we need to show the Senator our appreciation and our thanks.

So please join us on September 27th at the Florida Shore and Beach Preservation Association's 60th annual conference anniversary.







Welcome to Broward County!

By Nicole Sharp, P.E., Natural Resources Administrator, Broward County

We are proud to welcome FSBPA and hope that you enjoy your time here.

Broward County has a vision of "from sawgrass to seagrass", and while you're here, you can experience a multitude of things in between.

Broward's beaches have a rich history and a robust coastal management program dating back to 1965. Broward County's shoreline is regularly maintained through periodic renourishment and benefits from existing and planned inlet sand bypassing. Since 1970, more than 12 million cubic yards of sand have been added to Broward County's beaches through beach renourishment – all of which, you can visit while you're here. For the purposes of beach



management, the Broward County shoreline is divided into three Segments, which are separated by tidal inlets. The Segment I shoreline consists of the northernmost, locally managed beaches of Deerfield and Hillsboro Beach. Just south of Hillsboro Inlet, you can visit the recently nourished Segment II shorelines of Lauderdale-By-The-Sea, Pompano, and Fort Lauderdale or join us for the field trip on Thursday afternoon. Immediately south of Port Everglades inlet are the beaches of Dr. Von D. Mizell-Eula Johnson State Park, Dania, Hollywood, and Hallandale, which compromise the Segment III shoreline.

In addition to our beaches, ecotourism is a popular activity within our County. The County manages its own sea turtle conservation program through its partnership with Nova Southeastern University along with aid provided by non-profit organizations. Enjoy spending a day at the Marine Environmental Education Center at the Carpenter House and visit our most famous resident sea turtle, Captain, or enjoy a turtle walk/hatchling release. Broward is also famous for our easily



accessible nearshore reefs. We welcome you to hop on one of our many dive boats or venture on a shore dive for an underwater adventure. If you're up for a short drive, the Everglades is a quick getaway. The "River of Grass" is the County's western border and ranks among the nation's most treasured ecological wonders.

Once you get tired of the sun, there is excellent dining and shopping surrounding the conference hotel. Enjoy some food and cocktails with an ocean view along A1A or take a drive to Las Olas Boulevard for many more options. Las Olas Boulevard is lined with independently owned boutiques, a restaurant row with acclaimed chefs, and lively lounges and cafes with sidewalk seating. For a full account of things to do and places to see, be sure to visit the Broward County CVB's website at https://www.sunny.org/.

With so much to choose from, we have a great field trip planned for conference participants to showcase highlights of our coastal community. Please join us for:

- ♦ A guided tour of the recently constructed Segment II Shore Protection Project
- Sand bypassing site visit at Hillsboro Inlet
- A site visit and discussion of the proposed Port Everglades Sand Bypass Project

And remember, space is limited, so sign us ASAP!

We look forward to seeing you in September and providing you with a greater overview of our beach management program history during the opening session. We hope you love #BeautifulBrowardBeaches as much as we do!

Reserve your seat for the guided tour of Broward County by emailing us at mail@fsbpa.com. You must be registered for the conference to participate.



2017 Annual Conference September 27-29 Westin Fort Lauderdale Beach Resort



KEY DATES

- August 31 last day Hotel Room Reservations guaranteed at \$169
- Through August 31 Early Conference Registration
- September 1-22 Regular Registration
- After September 22 Onsite Registration
- September 27-29 Annual Conference

Go online to www.fsbpa.com/annual-conference.html
for complete details, registration information, and hotel reservations





60th FSBPA Annual Conference Program Westin Fort Lauderdale Beach Resort ♦ September 27-29, 2017

Wednesday, September 27, 2017

1:00 p.m.

Call to Order

Jim Trifilio, FSBPA Chair and Okaloosa County

1:05 p.m.

Welcome and Opening Remarks from Broward County

Beam Furr, Broward County Vice-Mayor, Commissioner District 6

1:15 p.m.

Host Keynote Address: An Overview of #beautifulbrowardbeaches

Nicole Sharp, P.E., Natural Resources Administrator, Broward County and Christopher Creed, P.E., Senior Vice-President, Olsen Associates, Inc., Jacksonville

1:55 p.m.

Broward's Tourism Trends and the Contribution of the Beaches

Stacy Ritter, President and Chief Executive Officer, Greater Fort Lauderdale Convention & Visitors Bureau

2:15 p.m.

A Decade of Significant Changes in Beach Management with a Look Forward to the Next Decade – A Panel Discussion Emphasizing Coastal Engineering and Design

Kevin Bodge, Ph.D., P.E., Senior Vice-President, Olsen Associates, Inc., Jacksonville • Jim Marino, P.E., D.CE, President, Taylor Engineering, Jacksonville • Brett Moore, P.E., President, Humiston & Moore, Naples • Tom Pierro, P.E., D.CE, Director, APTIM, Boca Raton

3:00 p.m. Professional Exchange Break

3:25 p.m.

A Decade of Significant Changes in Beach Management with a Look Forward to the Next Decade – A Panel Discussion Emphasizing Construction and Contracting Processes and Practices

Bernie Eastman, Chief Operations Officer, Eastman Aggregate Enterprises, LLC, Lake Worth • Bill Hanson, Vice-President, Great Lakes Dredge & Dock, Oak Brook, IL • Tony Jettinghoff, P.E., Area Engineer, South Florida Area Office, U.S. Army Corps of Engineers Jacksonville District • Frederick Paup, Chairman, Manson Construction Co., Seattle, WA

4:05 p.m.

Lessons Learned in Beach Recovery Efforts from the 2016 Hurricane Season

The State Response to the 2016 Hurricane Season

Florida Division of Emergency Management, Tallahassee (invited speaker)



4:20 p.m.

A Panel Discussion with Perspectives from the Field

Kevin Hodgens, P.E., Chief, Coastal Design Section, U.S. Army Corps of Engineers Jacksonville District • Michael McCorkle, Public Assistance Beach and Dune Technical Specialist, Federal Emergency Management Agency, Maitland • Michael McGarry, Program Manager, Beaches, Boating, & Waterways, Brevard County Natural Resources • Alex Reed, Deputy Director, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee

5:00 p.m.

Dune Recovery from Hurricane Matthew: Comparative Local Government Responses by the City of Jacksonville and St. Johns County, Targeting the Differences and Reasons Why

Kevin Bodge, Ph.D., P.E., Senior Vice-President, Olsen Associates, Inc., Jacksonville and Commissioner Henry Dean, St. Johns County

5:30 p.m. Adjourn

6:00 p.m. to 7:00 p.m. Welcome Reception

7:00 p.m. to 8:30 p.m.
Social Event on the Sky Terrace



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Thursday September 28, 2017

7:45 a.m. Professional Exchange Break

8:15 a.m.

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

Colonel Jason A. Kirk, P.E., Commander, Jacksonville District, U.S. Army Corps of Engineers

8:40 a.m.

The Southeast Coastal Assessment and USACE Coastal Developments

Jacqueline Keiser, PG, PMP, Dredging Program Manager, Director, Regional Sediment, Regional Center of Expertise Jacksonville District, U.S. Army Corps of Engineers

9:05 a.m.

Legal Issues Surrounding Beach Access

Brent Spain, Esq., Theriaque & Spain, Winter Park and Doug Sale, Esq., Harrison, Sale, McCloy, Panama City

9:50 a.m. Professional Exchange Break

10:20 a.m.

Sea Level Rise Adaptation – Technical Assistance Pilot Project Vulnerability and Planning Support

Chris Zambito, Project Manager, Dewberry, Tampa

10:45 a.m.

A Decade of Significant Changes in Beach Management with a Look Forward to the Next Decade – A Panel Discussion Emphasizing Environmental Coastal Monitoring

Lainie Edwards, Ph.D., Program Administrator, Beaches, Inlets and Ports, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee • Erin Hodel, Director, Ports, Harbors & Beaches, CSA Ocean Sciences Inc., Stuart • Cheryl Miller, President, Coastal Eco-Group, Deerfield Beach • Fritz Wettstein, Program Administrator, Office of Conservation Planning Services, Florida Fish and Wildlife Conservation Commission, Tallahassee (Invited)

11:30 a.m.

Mother Nature is Not Responsible for Most Shoreline Erosion on the Florida Southeast Coast

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

11:55 a.m. Adjourn

12:00 p.m. FSBPA Annual General Membership Meeting

6:00 p.m. Cash Bar

6:30 p.m. Awards Banquet

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Friday, September 29, 2017

7:30 a.m. Professional Exchange Break

8:00 a.m.

Setting the Stage: The "Beaches 2017 and Beyond Initiative"

FSBPA

8:15 a.m.

Keynote Address: Florida's Beach Management Program, Part II – Sustaining 2017 Advancements and Revisiting the Unfinished Agenda

Senator Jack Latvala, Senate Appropriations Chair, 2017-2018, Florida Senate

8:35 a.m.

The Important Role of Local Elected Officials in Beach Preservation Efforts

Chip LaMarca, Broward County Commissioner, District 4

8:55 a.m.

U.S. Army Corps of Engineers Update on Federal funding for Florida Projects in Fiscal Years 2017, 2018, 2019

Jacqueline Keiser, PG, PMP, Dredging Program Manager, Director, Regional Sediment, Regional Center of Expertise Jacksonville District, U.S. Army Corps of Engineers

9:15 a.m. Q&A

9:20 a.m.

View from Tallahassee: The Beach Management Program – Status, Update, and Direction

Drew Bartlett, Deputy Secretary, Ecosystem Restoration, Florida Department of Environmental Protection, Tallahassee

9:45 a.m.

Miami Beach - Lessons Learned from Free Sand

Tim Blankenship, P.E., Moffatt & Nichol, Miami and Elizabeth Wheaton, AICP, LEED AP+C, Office of the Mayor and City Commission, City of Miami Beach

10:10 a.m. Professional Exchange Break

10:40 a.m.

The Keys to Planning, Designing and Permitting Resilient Coastal Restoration Projects

Jeffrey Tabar, P.E., D.CE, Senior Associate, Stantec, Naples

11:05 a.m.

Federal funding for "Coastal Infrastructure"

Derek Brockbank, Executive Director, ASBPA, Washington, DC

11:20 a.m.

How to Successfully Engage the Community in Restoring Dunes

Lee Gottlieb, Director of Community Outreach, Youth Environmental Alliance, Inc., Broward County

11:35 a.m.

Technology & Coastal Management

Naeem Rahman, Field Operations Manager, Coastal Systems International, Inc., Coral Gables and Segismundo Witkowski, Manager-Partner at INTELI4 3D Scanning

12:00 p.m. Adjourn Back to Main Page



USACE Jacksonville District

The 94th Coastal Engineering Research Board Meeting Summary

The 94th Coastal Engineering Research Board (CERB) met from June 27-29th in Honolulu Hawaii. The CERB is a seven-member advisory board to the Chief of Engineers of the U.S. Army Corps of Engineers (USACE) which was established in 1930 (originally as the Beach Erosion Board). The theme of the meeting was



By Gabriel Todaro Intern, EN-WC U.S. Army Corps of Engineers Jacksonville District

"Coastal Structures in a Sea of Change" and the meeting concept was to identify priority research to address opportunities and challenges of designing, constructing and maintaining coastal infrastructure. The CERB works to provide independent advice and recommendations to the Coastal and Hydraulics Laboratory (CHL) on coastal engineering research.

The President of the Board is the military position of Director of Civil Works. There are three other military members that are senior officers that are division engineers of coastal divisions and usually serve until their tenure is completed at a division. The final three members of the board are civilian members that are outstanding in the broad field of coastal engineering. These members serve two-year terms which are not to exceed four years.

The current members of the CERB are the President, MG Donald E. Jackson Jr., who is the Deputy Commanding General for Civil and Emergency Operations, BG William H. Graham, who is the Commander of the North Atlantic Division, COL D. Peter Helmlinger, Commander of the South Pacific Division, and BG Clarence D. Turner, who is the Commander of the South Atlantic Division.

The current civilian members of the CERB are Dr. Falk P. Feddersen of the Scripps Institution of Oceanography, Dr. Nicole Elko of the American Shore and Beach Preservation Association, and Dr. Robert A. Holman of the College of Earth, Ocean, and Atmospheric Sciences at Oregon State University.

The Commander (COL Bryan S. Green) and Deputy Director of the U.S. Army Corps of Engineer Research and Development Center act as the Executive Secretary of the CERB and are responsible for all administrative functions of the board. The board meets on a semi-annual basis around the U.S. coastline and the Great Lakes on a rotating schedule.

The first panel of the 94th CERB focused on changing conditions and coastal structures in the Pacific Ocean. This panel focused on the coastal challenges facing the Alaska, Hawaii and other Pacific islands. First, the existing coastal infrastructure of the Pacific was introduced. Then the Alaska Coastal Erosion Program was discussed. This talk focused on the significant amount of erosion at Kivalina, Newtok (which is experiencing erosion rates of 100 ft. per year), and Shishmaref which has become more susceptible to fall and early winter storms due to the loss of icepack development. Other coastal hazards faced by the Pacific Ocean shorelines include the increasing storminess of the Pacific Ocean. The remoteness of some of these locations create communities that are highly

susceptible to the coastal storms, tsunamis, and drought. The panel also included specific case studies at Tinian Harbor (Figure 1) and Waikiki Beach, HI (Figure 2).



Figure 1: Tinian Harbor



Figure 2: Waikiki Beach

The second panel of the CERB was titled "Coastal Structures State of Practice". The panel included discussions on coastal structure design, construction, maintenance, and identifying when to repair a coastal structure. Innovative construction techniques for highly corrosive marine environments were also discussed including protective coatings and new concrete add mixtures to reduce permeability. The rest of the panel focused on enabling ship to shore movements, including a floating double deck pier developed by Naval Facilities Engineering Command (NAVFAC), and a demonstration of the Port Improvement via Exigent Repair (PIER) Joint Capability Technology Demonstration (JCTD) which is designed to provide warfighters a suite of rapid repair capabilities to reconstitute a damaged or degraded seaport facility.



The final panel of the CERB includes "Hazards, Technology, and Tools". One presentation featured the Surge & Wave Island Modeling System (SWIMS) which uses high-fidelity, high-resolution models to simulate hundreds of hurricane tracks for the Hawaiian Islands provides improved measurements and modeling of tropical cyclone waves and inundation for island coasts over mainland coastal engineering modeling technology (including NOAA's SLOSH model). Hawaii's National Shoreline Management Study (NSMS) and the Pacific Islands Ocean Observing System (PaclOOS) were also discussed. The final presentations focused on predicting channel dredging requirements and coastal structures research priorities of the U. S. Army Corps of Engineers Coastal and Hydraulics Laboratory (USACE CHL). These priorities focus on developing more powerful and more accurate models in order to improve understanding of risk, better predict maintenance needs, and create more effective and efficient projects.

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31st Annual National Conference on Beach Preservation Technology

February 7-9, 2018 ◆ Edgewater Beach Resort ◆ Panama City Beach, FL Call for Presentations - Deadline is October 13, 2017

We welcome abstracts on the topics listed below:

- Shore Protection Projects and Coastal Management
- Coastal Research and Environmental Science
- Additional Topics
 - ♦ Sea level rise
 - Beach and nearshore hydrographic surveying technology
 - ♦ Dredging technology
 - ♦ Coastal management policy decisions and lessons learned
 - ♦ Living shorelines, seagrass and habitat creation
 - ♦ Deepwater Horizon Restoration Efforts (coastal emphasis recommended)
 - ♦ Coastal Pier Construction Projects

Who Should Submit?

- Public and private sector engineers
- Environmental scientists
- Coastal geologists
- Marine scientists and biologists
- Academic researchers
- Coastal surveyors
- Coastal managers and local government representatives

For complete information on the abstract topics and the submittal process, visit www.fsbpa.com/tech-conference/presentations.html



SAVE THE DATE - 2018

61st Annual Conference September 19-21, 2018 Hyatt Regency Clearwater Beach Clearwater Beach, Florida







Shoreline

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

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CALENDAR OF EVENTS

FSBPA Conferences

September 27-29, 2017

60th Annual Conference

Westin Fort Lauderdale Beach Resort Fort Lauderdale, Florida



February 7-9, 2018

2018 Tech Conference

Edgewater Beach & Golf Resort Panama City Beach, Florida

OTHER DATES OF INTEREST

October 24-27, 2017
ASBPA 2017 National Coastal Conference
Fort Lauderdale, Florida



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