

Shoreline

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September 2013

news from the Florida Shore & Beach Preservation Association

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2014 Tech Conference

February 12-14 * Stuart, Florida

Call for Papers

DEADLINE OCTOBER 4, 2013

ANNUAL CONFERENCE UPATE

September 25-27, 2013 | Delray Marriott | Delray Beach, FL

(Debbie Flack, President, 9/1/13)

FSBPA's fall conference is shaping up to be an exceptional event. We hope you have already made plans to join us for our 57th annual event to be held in Delray Beach, and have taken advantage of reduced fees for early registration and guaranteed hotel room rates. If not, it is never too late!

Registration fees for members and non-members after August 28 have increased by \$50. The Delray Beach Marriott after this same cut-off date (August 28) will continue taking reservations at the group rate (\$135) as long as rooms remain available.



Isabella Welch, daughter of Leanne Welch, welcoming everyone to Delray Beach!

Photo taken at Atlantic Dunes Park, Delray Beach, 2006

Later in this issue of *Shoreline* we have again

published the conference program with changes thru the end of August, and will continue to do so online until the final programs are printed for conference distribution. Then we ask all speakers, moderators, panelists, and attendees to rely upon that published/distributed program for specifics. We hope you agree after reexamining the program's individual topics, distinguished speakers and timely panel discussions to reconsider attending the conference, if not part of your current plans.

Continued on next page



Calendar of Events

About Shoreline

Florida Shore & Beach Preservation Association

We are especially excited about the host site and conference hotel. As mentioned in last month's newsletter, this year's conference site provides us the opportunity to celebrate one of Florida's legacy beaches with a history dating back to 1973. We are confident that when the conference ends, Delray Beach both the physical shoreline and the marvelous community will have won you over as well. To get you in the mood for some great eating and enjoyable gathering places in easy walking or trolley distance, we have provided a local's personal favorites as "food for thought" later in this issue. I am sure you can get further suggestions from our member experts, Paul Dorling and Leanne Welch. By conference end on Friday, I hope you will agree Delray's designation as the "Most Fun Small Town in the USA" is most deserving.



Quite obviously this year's program uses 2012 storm damages to Florida's beaches as an opportunity to appreciate and celebrate the intergovernmental cooperation of our local governments and the Corps of Engineers to fast-track a meaningful storm response for a dozen federally-authorized beach projects, and the willingness and wisdom of the Florida Legislature to identify immediate priorities and provide substantial state dollars for beach repair. It also reminds us we cannot rest on our laurels. We have to learn from this current recovery effort; and consider the regulatory and funding challenges that must be addressed to ensure the sustainability of Florida's beach program. There will be ample opportunity each day to do so as part of extended panel discussions and timely presentations.

Looking over the program, you will notice the traditional presentations focusing on the host site, and the recognized beach management efforts of Palm Beach County, Delray Beach, and the City of Boca Raton. There will also be two economic presentations; one focused on Palm Beach County, and the other on statewide data. There are also a limited number of individual project presentations with transferable lessons or experiences to share. We further hope to draw your attention to few of thought-provoking "issue" presentations on project selection and where we have been and where we are going from here, and an anticipated discussion on beach nourishment and the legacy it provides to future generations.

The major departure in content and emphasis for the upcoming meeting is not surprising—Florida's response to Hurricane Sandy and Tropical Storm Debby was unprecedented in many regards and deserves our attention both in terms of appreciation but also, as noted, from what can be learned from the experience. We will hear about Sandy impacts to the Northeast United States, post-storm field damage assessment, BOEM's response, and lessons learned from the major players involved in the recovery process. Appropriately, Colonel Alan Dodd, U.S. Army Corps of Engineers, Jacksonville District will deliver the Conference Keynote.

These are just selected conference highlights. Add to this two field trips:

[Pre-Conference Field Trip, Wednesday morning, Sept. 25, 10:00-11:30 a.m.](#)

SOUTH LAKE WORTH INLET SAND TRANSFER PLANT

[Thursday afternoon Field Trip, Sept. 26, 2:00-3:30 p.m.](#)

DELRAY BEACH NOURISHMENT PROJECT

For complete details on the field trips, [click here](#). Email Teri Besse, teri@fsbpa.com, to be put on attendance list.

And don't forget Thursday evening's Awards banquet! Hope you agree after reading the Award Winners article that follows we have every reason to celebrate the contributions of and express our appreciation for this year's recipients!

One final note – Please plan on staying with us throughout Friday morning's program. We start off following breakfast with have a special award presentation to Representative Ben Albritton, that I know at least 29 local governments and a number professional and industry interests may wish to thank personally – as the House Appropriations Chair that played a critical role in structuring the state's unprecedented response to last year's storm damages to Florida's beaches. Representative Albritton will also participate in a panel discussion that may prove to be the starting point for an important policy discussion on what is really important to decision-makers in selecting beach projects for state funding; how ranking criteria in statute and rule might be modified to accommodate storm damages and other impacts; and revisiting the procedures and timetables for processing local government funding requests to improve timeliness and responsiveness. Based on specific proviso in the General Appropriations Act, this is necessarily a subject of interest to our local governments and FSBPA as a whole. There are lessons to be learned from the 2013 Legislature that deserve our attention on behalf of Florida's beaches. Friday morning (9/27) is a good time to get started.

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IN RECOGNITION OF FSBPA'S 2013 AWARD WINNERS

By Debbie Flack

We hope you have made or are in the process of making plans to attend FSBPA's 57th Annual Conference, September 25-27, 2013, at the Delray Beach Marriott. (www.fsbpa.com/annual.htm.)

The annual awards banquet, Thursday evening (9/26) at 6:30, will celebrate an outstanding group of recipients of 6 separate awards. Please plan to join us as we pay tribute to our stellar group of 2013 award winners. We have planned what we hope to be an enjoyable evening, made even better by our gracious banquet sponsors – Gold Sponsor Coastal Planning and Engineering, a CB&I Co.* and Silver Sponsors Coastal Engineering Consultants * Sexton- Oslo * Gahagan & Bryant * Manson Construction. A special thank you to the Award Plaque Sponsor Humiston & Moore Engineers.

Following our breakfast break Friday morning (9/27), sponsored by Great Lakes Dredge & Dock, we will have a special presentation of FSBPA's Legislative Award for 2013, followed by a timely discussion of what is important to decision-makers in annually selecting and funding beach projects. Representative Ben Albritton, Chair, Agriculture & Natural Resources Appropriations Subcommittee, Florida House of Representatives will be "starring" in both of these Friday presentations.

We will be presenting the **Stan Tait Award**, the Association's highest award for "truly outstanding contributions" to Florida's beaches, to **Jacqueline Keiser**, Chief of the Coastal/Navigation Section of the Jacksonville District of the U.S. Army Corps of Engineers. Her nomination and endorsement by three local government project sponsors speaks volumes regarding Jackie's abilities. She was nominated by Leanne Welch on behalf of Palm Beach County, and supported by Charlie Hunsicker, FSBPA Chair and Manatee County, and Andy Squires, Pinellas County. FSBPA's member governments have long recognized that Jackie's experience and expertise, coupled with her friendly demeanor, tenacity, and dedication make her an invaluable and vital partner in the challenging and ongoing task of protecting and restoring Florida's beaches. We are all especially grateful for her assistance in navigating us through the complicated recovery process from the storms of 2012 with excellence. Add to this year's exceptional efforts to orchestrate an unprecedented federal recovery program for Florida's federally-authorized shore protection projects, her exemplary 15 years of experience with the Corps, most recently responsible for the largest shore protection program in the nation, as well as 37 deep and shallow draft harbors and 900 miles of inland waterways, there is no doubt why Jackie is most worthy of this exceptional award.



Brett Moore, P.E., co-founder and CEO of Humiston & Moore Engineers since 1991, is the 2013 recipient of the **Jim Purpura/T.Y. Chiu Engineering Award**. This special award is for outstanding contributions to Florida's beach management and regulatory programs as well as demonstrated excellence in the field of coastal engineering that enhances beach preservation. Brett has long been recognized as one of Florida's leading coastal engineers, studying under Dr. Bob Dean, spending six years with the State of Florida ultimately as supervisor of the professional engineering staff that reviewed all coastal construction permits, and followed by over two decades in the private sector designing innovative coastal structures, securing permits, and being involved in virtually all phases of numerous beach nourishment and inlet management projects. Brett's long-time partner Ken Humiston believes his wide range of accomplishments makes him an outstanding and most deserving candidate for this prestigious award. Ken says it best, "Brett is an engineer in the truest sense of the profession, with the ability to find unique and creative solutions to complex problems. I have never met anyone with a higher standard of professional ethics and integrity." He is not alone in his assessment, with two of Florida's most respected coastal experts endorsing this nomination, Dr. Dean and Erik Olsen. Both, having known Jim Purpura and Dr. Chiu, agree Brett exemplifies the coastal engineering standards and ideals for which they stood and for which this award is given.



We will be presenting the **Richard E. Bonner Award** for 2013, given judiciously for outstanding service by an individual representing the U.S. Army Corps of Engineers and in this instance his capable team as well, to **Colonel Alan M. Dodd**, Commander and District Engineer, USACE Jacksonville District. This highly decorated soldier has successfully transitioned over the past year to serving the COE's clients, in this case Florida's beach communities. The Colonel has demonstrated once again his excellence over a thirty-year career with the Army, and has further contributed to his acknowledged reputation for getting things done. What a difference a year can make since FSBPA's Naples Conference last fall when many of us met Colonel Dodd for the first time. In the short time since,

Colonel Dodd has earned the rare distinction of truly being the "beach" or in Corps vernacular shore protection advocate. The Jacksonville District under Colonel Dodd's direction put forth extraordinary efforts to help Florida's beaches recover from the damages caused by Tropical Storm Debby and Hurricane Sandy. This award recognizes the Colonel's leadership and administrative efforts in overseeing a most effective and capable team, and addressing the needs of Florida's storm-damaged federal projects. FSBPA, especially are member governments, are most appreciative and look forward to the evening of September 26 to be able to thank Colonel Dodd for his professionalism, and service to the Country, the State of Florida, and our coastal communities. This award is a small way to thank the Colonel, Jackie, and the rest of the District Team for their unprecedented efforts in response to Hurricane Sandy and Tropical Storm Debby.

Paul Dorling, AICP, Director of Planning and Zoning, City of Delray Beach, is the honored recipient of the 2013 **Public Service Award**. It is a true pleasure to recognize Paul in his hometown and the host site of FSBPA's 57th Annual Conference, especially given his service and contributions to the Association as a member of the Board of Directors over a number of years.

As Director of Planning and Zoning, Paul has been responsible for overseeing the construction of multiple nourishments of the Delray Segment of the Palm Beach County Federal Shore Protection Project, which has inarguably helped to develop the City into a tourism hotspot and a highly desirable place to live. Paul is exactly what a public servant should be. He is responsible, dedicated and committed to Delray's beach program and has maintained the Federal and State support needed to keep the beach healthy for storm protection, tourism and environmental habitat. Thank you Paul!



FSBPA is delighted to recognize Commissioner **"Frannie" Hutchinson**, St. Lucie County Board of County Commissioners, for the **Local Government Award**. Commissioner Hutchinson has long been recognized by this Association for her policy and funding commitment, as an elected official, to Florida's beach management program and St. Lucie County's beaches specifically. Her nomination by the Presidents Council of Hutchinson Island with represents more than 5000 oceanfront property owners speaks volumes regarding her commitment to both constituents and area beaches.

"Frannie" as Chair of the County's Erosion District Board, beginning in 1998 until the present, played an important leadership role in getting the South County Beach and Dune Restoration Project from design, thru permitting, to final construction that was completed in May of this year along 3.4 miles of shoreline. During this same time period Frannie lead local efforts in partnering with the Federal Government in reauthorizing the Fort Pierce Shore Protection Project. During this fifteen-year period, supported by the Commissioner's efforts, eight nourishment projects have been constructed and numerous emergency measures undertaken to mitigate storm damages to infrastructure and upland property on this erosive segment of shoreline with the contribution of \$34 million in state and federal funding, including this past spring's post-Sandy emergency project expedited by the Corps of Engineers. Let's express our appreciation of Commissioner Hutchinson efforts at the awards banquet on September 26. St. Lucie County, the statewide beach program, and FSBPA are all beneficiaries of her leadership and commitment over the years!

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We will honor **Representative Ben Albritton**, Chair, Agriculture & Natural Resources Appropriations Subcommittee, Florida House of Representatives (District 56), as the recipient of FSBPA's **2013 Legislative Award**. This award presentation will be at a special time **Friday morning (9/27 at 8:30)** following breakfast and before what we hope will be a thought-provoking discussion with Representative Albritton's participation on what is increasingly important to decision-makers in selecting beach projects for annual funding.

This award is selectively presented to a "deserving and committed national or state lawmaker" for significant contributions and outstanding leadership in support of the protection and management of Florida's beaches. It is hard to imagine that a "new" Appropriations Chair from Bartow with considerable agricultural credentials would be by far the most deserving recipient of this year's legislative award for his remarkable grasp of the needs and corresponding level of response for repairing Florida's beaches following the storms of 2012. Even without benefit of the usual agency funding request as a baseline, his committee quickly elevated storm damage recovery for Florida's beaches to a major priority in order to minimize impacts on Florida's tourism economy and to avoid leaving miles of beaches, infrastructure and upland development vulnerable to the next storm event. He brought the program back to the basics that underlie its popularity. The chairman just got it! Perhaps many of us have made the annual selection of beach projects for state funding far too complicated and lost the vision regarding what is really important. Representative Albritton listened to his colleagues from coastal communities and their immediate beach needs, focused on economic benefit and return-on-investment, targeted the most impacted geographic areas, leveraged maximum federal funding, and knew as a state we needed to help those large beach and dune projects that should have received FEMA funding for repairing Hurricane Sandy damages. The choice for this year's Legislative Award was obvious, and Florida's beaches were the real winners.



FSBPA's highest policy award, the **Statesman Award**, is given to **Senator Joe Negron**, Chair, Senate Appropriations Committee, the Florida Senate. It is not coincidental that his District (32) includes all or part of the beaches in Indian River, St. Lucie, Martin, and Palm Beach counties. The Statesman Award has been associated over its history with Senator Dennis Jones (Pinellas County), as the decision-maker who championed Florida's beach management program and dedicated funding for statewide beach projects. Following a most exceptional year for beaches, it was Dennis that suggested Senator Negron as most deserving of this special award for 2013. Everyone involved in this year's awards selection process whole-heartedly agreed.

From the first committee week in December 2012, when FSBPA's Chair and I met with the Senator to discuss storm damages to many of Florida's federal shore protection projects and what could Florida do if a FEMA declaration for sand losses associated with non-federal beach and dune projects was not forthcoming, the Senate Appropriations Chair was engaged. He cautioned to let the process work from the bottom up, and it did so most effectively. His quiet leadership and oversight of the Senate appropriations process and subsequently the budget conference process provided the essential policy and funding framework to ensure Florida's beaches recovered from the storm damages of 2012 with an unprecedented intergovernmental commitment of resources. Thank you Senator Negron.

If you have the opportunity at the conference or elsewhere to thank our two legislative award winners, **Senator Negron and Representative Albritton**, for their commitment to Florida's beaches and the roles they played during the 2013 Session in securing substantial funding for storm damage recovery of our beaches please make good use of it. This was a most unusual year that required the unprecedented and detailed involvement of legislative leadership in determining what projects would be funded for FY 2013-14 and at what amounts. The Senate Appropriations Chair in his closing remarks at the conclusion of an extended conference process reminded all of us of something we often forget. To paraphrase Senator Negron, they are the folks that are sent to Tallahassee to represent the people's needs and should be making the spending decisions, not governmental agencies. They did an exceptional job on behalf of Florida's beaches this past session!

Please plan on attending Thursday evening's awards banquet and Friday morning's special legislative award presentation to express your appreciation personally for the accomplishments of the 2013 award winners.

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Board Meeting Breakfast

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Ice Cream Social



Sweets & Treats Break



Morning Beverage Breaks



Friday Breakfast Break



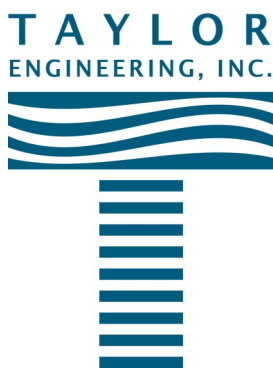
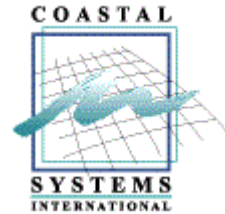
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57th FSBPA Annual Conference Exhibitors



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FSBPA RESTAURANT GUIDE *

DELRAY BEACH

Across Atlantic Avenue, immediately south of the Marriott, 3 great places right on AIA.

1. **Burger Fi**

An upscale "fast food" burger joint but farm to tray. The food is good. They have veggie burgers and dogs, fries, shakes etc. They also serve beer and wine. Love it!

2. **Cafe Luna Rosa**

An Italian restaurant, good food but they are famous for their breakfast. Fabulous breakfast. Good Bloody Marys and Mimosas. Serves lunch and dinner, ok but a bit pricey.

3. **Bostons on the Beach**

Bostons has divided into 3 restaurants.

- **Traditional Bostons** sports bar and patio dining are on the street level. Food is decent. Price is good.
- Upstairs is called **50 Ocean** and it has the best views on the beach. Ceiling to floor windows. Good food and service. LOVE it there. Dinner can be pricey but worth it. Lunch is more reasonable and very good.
- Outside on the side of Bostons is the **Sandbar**. Fun place to hang out outside. Great drinks, fun in the sand tables but the food is iffy. You pay for the ambiance outside. Very tiki barish.

West on Atlantic

Seagate Hotel has a very cool dining room. Decor is great. In and out dining. Moderate to high prices. They also have a cafe in the hotel that serves breakfast, lunch and deserts. Very good and reasonable.

On the Intracoastal

Deck 84 – on the west side.

Good food. Casual, reasonably priced and fun!

Downtown Restaurant Row and Pineapple Grove

Many restaurants. Italian, Cuban, Steak Houses, Seafood, Asian, Continental, etc. Trolley rides but very convenient. Below are just a few select recommendations, but so many great choices!

On the Avenue (Atlantic)

- **Tramonti** for Italian
- **32 East** for Continental
- **City Oyster** for seafood

Off the Avenue

- **Brulee**, pricey but excellent food and dark atmosphere.
- **Sundy House**, Swinton Avenue, for the tropical atmosphere and chef specials.
- **Jimmy's Bistro**, superb, quiet, pricey, Chef's menu, very small.

* These are the "insider" choices from local and dear friends. I have been fortunate to enjoy several of their selections. D.F.

57th FSBPA Annual Conference Program

Wednesday, September 25, 2013

1:00 p.m.

Chair's Call to Order

1:05 p.m.

Official Welcome and Opening Remarks

Mayor Steven Abrams, Chair, Palm Beach County Board of County Commissioners

1:15 p.m.

Palm Beach County's Beach Program: The Importance of Being Flexible in an Ever-changing Environment

Leanne Welch, Environmental Program Supervisor, Palm Beach County Environmental Resources Management

1:45 p.m.

It is all about the Return-on-Investment: The Economic Benefits of Palm Beach County's Beach Management Program

Dr. William B. Stronge, Chair Emeritus, Department of Economics, Florida Atlantic University

2:10 p.m.

Critical Crossroads: Looking ahead to the Challenges Facing Florida's Beach Management Program

"Setting the Stage" - Charlie Hunsicker, Chair, FSBPA, and Director, Natural Resources Department, Manatee County
"Panel Identification of Issues and Recommendations"

David Hobbie, Deputy District Engineer for Project Management, Jacksonville District, U.S. Army Corps of Engineers *
Mark Thomasson, Director, Division of Water Resource Management, Florida Dept. of Environmental Protection *
Thomas Pierro, P.E., D.CE, Vice-President, Coastal Planning & Engineering, a CB&I Co. * Dan Hussin, Vice-President, Manson Construction * Don Donaldson, P.E., Past-Chair of FSBPA, and County Engineer, Martin County

3:00 p.m.

Exhibitor Recognition, Tensar International Corporation, Jeff Fiske, Coastal & Waterway Systems Manager

3:05 p.m.

Professional Exchange Break, sponsored by



3:35 p.m.

Selection of Florida's Beach Projects for State Funding: Where Have We Been and Where Are We Going from Here?

Michael Walther, P.E., D.CE, President, Coastal Tech

Wednesday afternoon, September 25, 2013

4:00 p.m.

Beach Nourishment Provides a Legacy for Future Generations

Dr. James Houston, Director Emeritus, Engineer Research and Development Center, U.S. Army Corps of Engineers, and Dr. Robert Dean, FSBPA Chair Emeritus, and Department of Civil and Coastal Engineering, University of Florida

4:25 p.m.

The Boca Raton Coastal Program: An Overview of Four Decades of Proactive Beach Management

Jennifer Bistyga, Coastal Program Manager, City of Boca Raton and Mike Jenkins, Ph.D., P.E., Applied Technology & Management, Inc.

4:50 p.m.

Building a Three-Party Project in Baldwin County, AL: A Case Study for Combining Projects

Albert E. Browder, Ph.D., P.E., Vice-President and Erik J. Olsen, P.E. President, Olsen Associates, Inc.

5:15 p.m.

Adjourn

6:30 p.m.

Welcome Reception, sponsored by



Thursday morning, September 26, 2013

7:30 a.m.

Professional Exchange Break, sponsored by



8:10 a.m.

Hurricane Sandy Impacts to the Northeast United States: 2012 and Beyond

Donald Cresitello, Coastal Regional Technical Specialist, North Atlantic Division, U.S. Army Corps of Engineers

8:40 a.m.

Conference Keynote: The U.S. Army Corps of Engineers Response to the Storms of 2012 in Florida

Colonel Alan Dodd, District Engineer, Jacksonville District, U.S. Army Corps of Engineers

9:15 a.m.

Sharing Lessons Learned from the Storms of 2012

Diana Ferguson, FSBPA legislative services, Rutledge & Ecenia, P.A. (Moderator) * Jacqueline J. Keiser, Chief, Coastal/Navigation Section and Jason Engle, Chief, Coastal Design Section, Jacksonville District, U.S Army Corps of Engineers * Danielle H. Irwin, PWS, Deputy Director, Division of Water Resource Management, Florida Department of Environmental Protection, * Leanne Welch, Environmental Program Supervisor, Palm Beach County Environmental Resources Management

Thursday, September 26, 2013

9:55 a.m.

Federal Sand Resources: Shifting Perspectives, the Department of the Interior and BOEM's Response to Hurricane Sandy

Renee Orr, Chief, Strategic Resources Office, Bureau of Ocean Energy Management

10:20 a.m.

Exhibitor Recognition, Hyatt Survey Services, Russell Hyatt, Vice-President

10:25 a.m.

Professional Exchange Break, sponsored by



10:55 a.m.

How to Improve Post-storm Damage Field Assessment Focusing on non-federal Beach Nourishment and Dune Restoration Projects and DEP Emergency Permitting

Participation from invited representatives of FEMA, Florida Division of Emergency Management, the U.S. Army Corps of Engineers and Florida Department of Environmental Protection

11:30 a.m.

Host Site Presentation - 40 Years of Beach Nourishment at Delray Beach, Florida: A Quintessential Success Story

Paul Dorling, Director, Planning and Zoning Department, City of Delray Beach and Thomas Pierro, P.E., D.CE, Vice-President, Coastal Planning & Engineering, a CB&I Co.

12:05 p.m.

Adjourn

General Membership Meeting (5 minutes after adjourning)

2:00 p.m.

Field Trip: The Delray Beach Renourishment Project

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57th FSBPA Annual Conference Awards Banquet

Thursday, September 27, 2012

6:00 p.m.

Cash Bar

6:30 p.m.

Annual Awards Banquet

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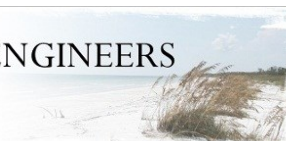


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Friday morning, September 27, 2013



7:45 a.m.

Professional Breakfast Break, sponsored by

8:30 a.m.

Legislative Recognition: Representative Ben Albritton, Chair, Agriculture & Natural Resources Appropriations Subcommittee, District 56, Florida House of Representatives

8:45 a.m.

The Value of Florida Beaches

Dr. James Houston, Director Emeritus, Engineer Research and Development Center, U.S. Army Corps of Engineers, and Dr. Robert Dean, FSBPA Chair Emeritus, and Department of Civil and Coastal Engineering, University of Florida

9:10 a.m.

Revisiting What is Important to Decision-makers in Annual Beach Project Ranking, Selection and Funding

Representative Ben Albritton, Chair, Agriculture & Natural Resources Appropriations Subcommittee, District 56, Florida House of Representatives * Michael Walther, P.E., D.CE, President, Coastal Tech
* Steve Boutelle, FSBPA Vice-Chair and Lee County * Kevin Bodge, Ph.D., P.E., Senior Vice-President, Olsen Associates, Inc. * Deborah Flack, FSBPA, President (moderator)

10:00 a.m.

Professional Exchange Break, sponsored by



10:30 a.m.

Project Implementation under FDEP Emergency Order (OGC NO 12-1641): Three Examples of Post-Sandy Dune Construction Projects

Mike Jenkins, Ph.D., P.E., Applied Technology & Management, Inc.

10:55 a.m.

Hollywood Truck Haul Beach Nourishment

Tim Blankenship, P.E., Director, Coastal Systems International, Inc., and Susan Goldberg, City of Hollywood Beach

11:20 a.m.

Do Wider Renourished Beaches Enhance Sky-Glow Effects on Sea Turtles?

Kirt W. Rusenko, Ph.D., City of Boca Raton, Gumbo Limbo Nature Center

Friday, September 27, 2013

11:45 a.m.

The Cultural and Natural Resources of the Marine Environment in Delray Beach, Florida

Stacy Prekel, Lead Biologist and Leah G. Colombo, Coastal Geologist, Coastal Planning & Engineering, Inc., a CB&I Co.

12:10 p.m.

Adjourn

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

**For complete details on registering for the conference
and reserving a hotel room
visit www.fsbpa.com/annual-conference.html**

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USACE Jacksonville District **EMERGENCY BEACH REHABILITATION** **PROGRAM CHALLENGES**

By Candida Bronson, P.E.
Jacksonville District, USACE
August 29, 2013

Recent efforts to recover from the aftermath of tropical storm Debby and hurricane Sandy have highlighted some challenges in the US Army Corps of Engineers (USACE) rehabilitation program. An effort to update the policy guidance on beach rehabilitation had begun in the last decade but was not implemented prior to the 2012 hurricane season and remains under review. Proposed revisions to the guidance will modify the way storm significance and damage significance are characterized for eligibility and offers some improvements to clarify how repairs are implemented. Also identified by recent events are challenges to the implementation of the repairs and some opportunities to improve our construction contracts.

In the existing guidance provided by ER 500-1-1 and EP 500-1-1, an extraordinary storm is defined by Saffir Simpson category 3 or higher storm or equal to or greater than the design storm. The language leaves significant storms of lesser category or extra-tropical nature out of consideration. Also problematic is the fact that many existing projects were not designed to a standard level of storm protection, but were selected on economic efficiency.

The revised guidance would allow any type of storm provided it meets a threshold based on comparison to historical data. Storms are described by parameters including storm surge, total water elevation, wave height, wave period, winds, wave direction, wave power, or storm duration. One or more parameters must exceed the 90% cumulative distribution function value when compared to historical data or be equal to or greater than the design storm.

How do recent storms stack up with this revised guidance? From the 2004 storm season, hurricanes Frances and Jeanne made landfall on the Atlantic coast of Florida. Wave gauge data was compared against the historical record for wave height in St Lucie County, Florida and results show the 2004 storms far exceeded the 90% threshold set by the revised guidance. However, a similar comparison has not been completed for tropical storm Debby and hurricane Sandy at Florida projects.

Some challenges exist at the District level in adopting the revised guidance. Most projects do not have a handy compilation of the historical data. Some data will be easier to gather than others, such as using the USACE Wave Information Studies (WIS) database to compile wave height information. However, each project area would need its own database in place prior to the storm impact. Then following the storm, some data analysis and possible modeling would need to be completed to translate the information to the project area for comparison.

The revised guidance also updates the significant damage criteria. Significant damage experienced at the project is currently described by the guidance as: \$1 million and 2% of original construction cost, \$6 million, or 1/3 of planned or historically placed renourishment volume. The revised guidance increases the cost limits and volumes to \$2 million and 10% of original construction cost, \$8 million, or 1/2 of planned or historically placed renourishment volume.

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Some confusion has been experienced by the language “adequate functioning” presented in the existing guidance, which states: “[emergency rehabilitation] funds will be limited to that necessary to allow for adequate functioning of the project or the pre-storm condition whichever is less.” The revised guidance adds a definition in that “The design template will be used to define adequate functioning of the project.” This addition is expected to add clarity to proposed rehabilitation projects, delineating the volume eligible for 100% Federal funds from cost-shared funds to rebuild the entire construction volume.

While the existing guidance was followed in recent rehabilitation efforts from the 2012 hurricane season, additional challenges were experienced that offer an opportunity for change. A common issue to projects was a lack of data to validate the volume of sand lost. Ideally one would have a pre-storm survey and a post-storm survey in close relation to the storm. However, in some cases the pre-storm surveys were old and created additional challenges to describe normal annual erosion versus the storm induced erosion. It was noted that the requirement for monitoring surveys varied from project to project. To improve this effort, the Jacksonville District will be working with our non-Federal sponsors to ensure annual surveying responsibilities are clearly indicated for each project and to the same standards.

Efforts following approval of the rehabilitation reports focused on implementation. For shore protection projects, that includes confirming Federal interest through an assessment of shoreline ownership and use at the time of construction. Public access, parking, and proper real estate interests must be provided for both the rehabilitation project and any additional cost-shared nourishment. An expedited review of the conditions compared to the last decision document was included in the emergency reports in order to meet the timelines for approval. However, it was found that some projects had older decision documents and a more recent assessment of the cost-sharing percentage was needed. A full assessment and recalculation of the cost-sharing percentage was completed prior to contract advertisement to comply with policy. It may be more prudent to require an update as part of yearly monitoring reports or economic update reports.

Once the contracts were scoped, some had concerns regarding the bidding climate. If not enough dredges were available, there might be competition between Districts resulting in higher volumetric prices for sand. Higher than normal prices affect the ability to complete the construction within the limitations of available funding. By partnering with the dredging industry, feedback was received on how to improve the outcome for both industry and the Corps. Providing project information as early as possible on the number of contracts, volumes, and durations would better prepare industry to respond to advertisements. It was also requested to provide the maximum flexibility on schedules to allow dredges to move from job to job. Additionally, information about any restrictions (e.g., environmental sensitive areas or times) should be made available clearly and as early as possible.

These challenges and improvement strategies offer the opportunity for improvement of the USACE storm rehabilitation program. Proposed revisions to the policies will clarify the determination of when a project qualifies for the program. While efforts at the District level will ensure we are better prepared to respond to the next extraordinary storm.

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Florida Dept. of Environmental Protection Division of Water Resource Management Report August 30, 2013



JOINT COASTAL PERMITS

Storm Recovery Projects

Martin County Beach Nourishment-Hutchinson Island - the project is complete.

St. Lucie County-Ft. Pierce Beach Nourishment - the nourishment project is complete. The County and Corps have applied for a modification to the permit to allow for placement of maintenance dredged material from the inlet on the beach. The modification is under review.

Lee County-Captiva - The USACE dropped the nourishment over access and easement concerns. CEPD has contracted to construct without the Corps. A Notice To Proceed was issued August 26, 2013.

Lee County-Gasparilla - Lee County requested a modification to the restoration permit to allow for the nourishment, which was issued June 19, 2013. A letter confirming that the statutory permit extension is applicable was sent August 16, 2013.

Manatee County-Anna Maria Island – an Intent to Issue and draft permit were issued to the Corps on August 8, 2013.

Broward County-Segment II - the Corps will contract for a truck haul, with all sand to be placed about mean high water. There is no federal permit equivalent to a Coastal Construction Control Line permit, so consistency with the Florida Coastal Zone Management Program was considered the only authorization required. The State found the proposal “conditionally consistent” on July 29, 2013, and has been working with the Corps to assure the project would comply with all normal permit requirements.

Brevard County Shore Protection Project-North and South Reaches - both reaches have existing permits, and the Department has confirmed a statutory time extension for the North Reach.

Pinellas County Shore Protection Project-Treasure Island-Long Key - the Corps has a permit covering both segments valid until May 17, 2014. The Department modified the permit on August 16, 2013 to add several additional areas on Long Key.

Palm Beach County-Jupiter Carlin Segment - the Department issued an intent and a draft permit on August 16, 2013.

Palm Beach County-Delray Beach - a modification to the City’s existing permit to add four monuments was issued on August 22, 2013.

Palm Beach County-North Boca Raton – an intent and draft permit were issued August 22, 2013.

Palm Beach County-Ocean Ridge – a permit was issued June 24, 2013.

Martin County-St. Lucie Inlet – the Corps will use the existing county permit to place about 400,000 cyd of sand on the beach.

Volusia County-Ponce de Leon Inlet – the Corps has an existing permit to place material in the near shore south of the inlet. A permit modification was deemed complete June 26, 2013 to allow multiple types of dredges to be used in the future.

St. Johns County-St. Augustine Inlet – a modification to allow for an additional placement area in Anastasia State Park was issued July 1, 2013.

Palm Beach County-Jupiter Inlet – a modification to the Florida Inland Navigation District permit was issued July 26, 2013 to allow the Corps to place material from the inlet on the Jupiter Carlin Beach project.

Miami-Dade County-Bakers Haulover Inlet – a modification was issued to the permit on June 27, 2013 to expedite the placement of about 50,000 cyds on the beach at Bal Harbor.

Sarasota County-City of Venice - the Corps and the City jointly applied for a permit on May 8, 2013. A request for additional information was sent June 7, 2013.

Brevard County-Mid-Reach and Southern Beaches - dune construction only.

Indian River Sector III and Sebastian State Park - the Sector II permit would have to be modified to allow nourishment, but there has not yet been a request. Sebastian Inlet District has been by-passing sand.

South St. Lucie Dune Restoration - completion of the dune feature is authorized under the beach restoration permit.

Martin County-Town of Jupiter Island - permit is valid until February 8, 2017.

Martin County-Bathtub Beach - a minor modification for nourishment will be needed.

Palm Beach County-Singer Island – the permit for dune construction is valid until October 28, 2015.

Palm Beach County-Coral Cove - dune construction only.

Broward County- Deerfield Beach - the dune in Deerfield Beach was constructed as part of the Hillsboro-Deerfield project. The Town of Hillsboro Beach holds a permit valid until December 15, 2015. Deerfield Beach could also apply for a separate permit.

ADMINISTRATIVE UPDATES

- Flood Control and Coastal Emergency Projects

The Division permitting team has been working with the USACE and the natural resource agencies to expedite permitting for the twelve beach projects and seven navigation projects approved for emergency funding due to Tropical Storm Debby and Hurricane Sandy. These projects had to be under contract by the end of the federal fiscal year, and permit information was required in order to initiate contracting. DEP reduced the time to process the permits by 78%. Standard permit processing time is approximately 90 days. On average these permits

were processed in approximately 33.33 days. Requests for Additional Information (RAIs) were reduced due to staff diligence in working with the applicants and consulting agencies when applications were incomplete. Biweekly interagency webinars were held to coordinate permitting, amendments to the Regional Biological Opinion, and turtle nest relocation.

- Beach Management Agreement Update

The Department issued a Notice of Intent to Enter Into a Binding Ecosystem Management Agreement (Notice of Intent) and the Draft BMA on August 19, 2013, after over a year of collaboration with local governments, environmental groups, and concerned citizens. This follows Palm Beach County unanimously approving to become a signatory on August 13, and the Town of Palm Beach unanimously approving to become a signatory on June 11th. Following the 21-day noticing period, the Department, FWC, and signatories will sign and execute the BMA.

- Offshore Sand Management

The Department coordinated with the Corps on planning the public scoping meetings for the Dade County Beach Erosion Control and Hurricane Protection Project Limited Re-evaluation Report and necessary NEPA documentation. Mark Thomasson, Director of the Division of Water Resource Management, attended all five public meetings. The Department also hosted a visit from staff of the Bureau of Ocean Energy Management where each agency shared their status and processes on management of offshore resources.

- Beach Management Funding Assistance Program

Rule 62B-36 was adopted on August 8, 2013. The Department has posted updated information for submitting funding requests to the website at: <http://www.dep.state.fl.us/beaches/programs/becp/index.htm#BMPFADocs>. Funding requests are due by September 12, 2013.

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This rule revision will impact permitting of beach restoration and nourishment projects. Given time constraints, we have distributed it for comment to FSBPA's Executive Committee and expert working group. We do, however, welcome other member input. Our counsel, Ms. Linda Shelley, Fowler White, will be present at the workshop on 9/20.

Florida Department of Environmental Protection



Beaches and Coastal Systems Rule Update



62B-41 Rule Development Workshop

Join us for a Webinar on September 20

Space is limited.

[Reserve your Webinar seat now!](#)

The Department of Environmental Protection has initiated rule development to make proposed amendments to Chapter 62B-41, F.A.C., "Rules and Procedures for Application for Coastal Construction Permits." This Chapter contains the criteria and procedures for obtaining a Coastal Construction permit. The amendments to the rule address concerns raised by the Joint Administrative Procedures Committee and will update the rule to implement Laws of Florida 2012-65, that included changes in Section 161.041, F.S. The rule amendments will refine criteria for coastal construction permits for coastal armoring below the mean high water line, ocean fishing piers, inlet construction and maintenance, and beach restoration and nourishment. A Notice of Rule Development and Workshop was published in the Florida Administrative Register August 22, 2013 (Volume 39, Number 164). This notice is located on the Department of State's web site at the following link: http://www.FLRules.org/gateway/View_Notice.asp?id=13410461.

The draft rule is available on the Department's Bureau of Beaches and Coastal Systems web site at: <http://www.dep.state.fl.us/beaches/rule-dev.htm>

The workshop will be held at the date, time and place shown below, or you may attend via webinar by registering using the link to the left:

September 20, 2013, at 9:30 AM

**Florida Department of Environmental Protection
2600 Blair Stone Road, BMC Room 176
Tallahassee, FL, 32399**

[62B-41 WorkshopAgenda.pdf](#)

Florida Department of Environmental Protection Designs Economic Impact Survey



Have a permit or license with the Florida Department of Environmental Protection? How much does it cost to get a permit or license and to comply with the terms? To help determine the economic impact DEP regulations have on businesses, the Department has designed a survey to capture some of that data.

The survey addresses the following permits or licenses:

- Coastal Construction Control Line
- Consumptive Use Permit (CUP)
- Domestic Wastewater Permit
- Environmental Resource Permit (ERP)
- Industrial Water Permit
- Joint Coastal Permit
- NPDES Stormwater Construction Generic Permit (CGP)
- NPDES Stormwater Multi-Sector Generic Permit
- NPDES Stormwater Municipal Separate Storm Sewer System (MS4)
- RCRA Operating Permit
- RCRA Post Closure or HSWA Corrective Action Permit
- Underground Injection Control
- Used Oil Permit
- Waste Water Treatment Plant/Drinking Water Plant/ Distribution System Operator Certification

If your business requires a DEP permit, your input will serve as a valuable tool for assessing the effects of permitting on the economy. The regulatory process should protect Florida's resources, residents and the economy. The survey, located on DEP's Business Portal home page, is available at www.dep.state.fl.us/secretary/portal/default.htm.

About the Florida Department of Environmental Protection's Business Portal

The DEP Business Portal allows Florida residents and businesses to obtain a variety of self-service authorizations online. You can apply for commonly issued authorizations, permits, certifications and renewals, pay fees and submit annual reports, subscribe to agency newsletters or request a technology review. It's also a great place to get information about compliance assistance with wastewater permit determinations, dock permits or other environmental resource permits.

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FY2014-2015 Beach Management Program Funding Assistance Information

The Florida Department of Environmental Protection, Division of Water Resource Management is accepting funding requests from Florida Local Governments for the FY2014-2015 Beach Management Funding Assistance Program. **The application deadline is September 12, 2013.**

The program announcement letter and example applications can be found at <http://www.dep.state.fl.us/beaches/programs/becp/index.htm>.

Note that beach and inlet projects will require separate applications, as the updated program rule 62B-36, Florida Administrative Code was adopted August 8, 2013.

The "Ranking Methodology" document has also been updated. Please contact the [Project Manager](#) for your county if you have any questions or need further information. Once all of your materials for requesting assistance have been completed, you can [submit a funding request package](#) via FTP through the website.

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27th Annual National Conference on Beach Preservation Technology

February 12-14, 2014 | Hutchinson Island Marriott | Stuart, Florida

Call for Presentations - Deadline is October 4, 2013

We welcome abstracts on the topics listed below:

- **Shore Protection Projects and Coastal Management**
- **Coastal Research and Environmental Science**
- **Additional Topics on sea level rise, beach and nearshore hydrographic surveying technology, and dredging technology**

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

Submittal Deadline -- October 4, 2013

Please submit abstracts not to exceed two pages in length, in PDF or Word format, to abstracts@fsbpa.com by **October 4, 2013**. 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.

**For complete information on the abstract topics
and the submittal process,
visit www.fsbpa.com/techcall.htm.**

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CALENDAR OF EVENTS

FSBPA Conferences

September 25-27, 2013

FSBPA Annual Conference

Marriott Delray Beach, FL

February 12-14, 2014

2014 National Conference on Beach Preservation Technology

Hutchinson Island Marriott, Stuart, Florida

September 24-26, 2014

2014 FSBPA Annual Conference

Hyatt Regency Coconut Point, Bonita Springs, FL

OTHER DATES OF INTEREST

October 22-25, 2013

ASBPA National Coastal Conference

South Padre Island, TX

November 21-22, 2013

Atlantic Intracoastal Waterway Association Annual Conference

Charleston, SC

February 25-27, 2014

ASBPA's Coastal Summit

ASAE Conference Center, Washington, DC

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Join us

September 25-27, 2013

57th Annual Conference

Delray Beach Marriott

Delray Beach, Florida

[Hotel Information](#)

[Conference Registration](#)

[Exhibit Information](#)



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

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