

## A Message from the Incoming Chair



**Richard Bouchard, St. Lucie County  
FSBPA 2015 Chair**

A look back at 2014 again illustrates the importance of FSBPA to Florida's beaches and the state's beach management program. Coming off an exceptional 2013 devoted to storm damage recovery, expectations for this year were somewhat unclear. We knew that there would not be the massive funding and leadership contribution of the U.S. Army Corps of Engineers, but what we didn't know was if the \$37 million in state cost-sharing in

2013 was the starting point for this year or not. The 2014/15 budget recommendation of DEP and the Governor of \$25 million suggested it was not. In turn, FSBPA's strategy for 2014 was to significantly increase the level of state funding.

The outcome was far beyond our Board of Directors expectations thanks to Legislature, and the Association's efforts including the involvement of you, our members, and our staff and consultants. The current fiscal year \$47.3 million appropriation is for 25 separate beach and inlet management projects as well as for post-construction monitoring for numerous projects.

Where do we go from here and how do we get there, knowing that this year's exceptional level of program funding is nothing more than a one-

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time allocation? For the past few months FSBPA has tried to chart a course forward, knowing time is short, yet not knowing the details regarding Amendment 1 and how, and if, it will reaffirm dedicated beach funding from documentary stamp tax revenues. We must work together to influence those answers. No one can argue that the existing 1998 documentary stamp tax commitment of \$30 million for beach repair is inadequate, leaving far too many needed beach projects unfunded. What we don't know for certain is whether the Legislature will address this as part of their implementation of Amendment 1. You can be certain FSBPA will do its best to encourage a positive answer. It is so very important that you individually, collectively as local communities and governments, and organizations and interests be informed and involved. We all know how important beaches are to tourism, storm damage reduction, economic prosperity, environmental resource protection, and our quality of life, but unless we communicate and reinforce that message effectively and advance it from the local to the state level, beaches could be left behind as the discussion going forward centers on water quality.

This is our focus. Beaches and their benefits are simply too important to have winners and losers. As your Chair for 2015, I urge each of you to lend meaningful support to the effort. Make sure your local elected officials and your legislative delegation members know how important it is to ensure beaches benefit from continued and increased dedicated documentary stamp tax revenues. Please continue to be the advocate you joined FSBPA to become and ensure the future health of Florida's beaches.

*Richard Bouchard, FSBPA Chair for 2015*

## Meet Our Chair for 2015



**Richard Bouchard**  
**Senior Coastal Engineer**  
**St. Lucie County**

Richard Bouchard was elected Chair of the Association at the September 25th General Membership Meeting for Calendar Year 2015. Richard has previously served full terms on the Board and has been part of FSBPA's Executive Committee for the past two years.

Richard was born and grew up along the Maine coastline and attended the University of Maine at Orono. After receiving a Bachelor's degree in Engineering he moved to Florida and went to work for South Florida Water Management District. Richard then moved to St. Lucie County where he has been employed with the County since 1989. He is now the Senior Coastal Engineer within the Mosquito Control and Coastal Management Services Department where he manages the County-wide beach management program that has evolved under his tenureship since the early 1990's. His wife Priscilla and two sons share his love of the outdoors, sports and family trips. He enjoyed his many years with his sons as a Boy Scout Leader and a youth soccer coach.

## The Association's Officers for 2015

FSBPA's Officers for the coming year, as recommended by the Board of Directors and voted upon by the members at the 2014 general membership meeting are:

**Richard Bouchard** (St. Lucie County): **Chair**

**Leanne Welch** (Palm Beach County): **Vice-Chair**

**Jim Trifillio** (Okaloosa County): **Secretary/Treasurer**

These officers and the past chair, **Steve Boutelle** (Lee County), will serve as the **Executive Committee** for 2015.

## FSBPA Board of Directors for 2015

**Richard Bouchard**, St. Lucie County, Chair

**Steve Boutelle**, Lee County, Past-Chair

**Don Donaldson**, Martin County

**James Gray**, Indian River County

**James Houston**

**Nick Matthews**, Broward County

**Gary McAlpin**, Collier County

**Tamara Pigott**, Lee County Visitors & Convention Bureau

**Bill Smith**, Town of Indian Shores

**Marty Smithson**, Sebastian Inlet Tax District

**Jim Trifilio**, Okaloosa County, Secretary/Treasurer

**Leanne Welch**, Palm Beach County, Vice-Chair

**Laird Wreford**, Sarasota County

## Ex-Officio Board Members for 2015

**Chuck Broussard**, Weeks Marine, Inc.

**Brett Moore**, Humiston & Moore Engineers

**Brad Pickel**, Seahaven Consulting

**Candida Bronson**, USACE Jacksonville District

**John Crane**, USACE Mobile District

**Danielle Irwin**, FDEP

## New Members of the Board of Directors

FSBPA is pleased to welcome two new members to the Board of Directors for the coming calendar year. In both cases, it will be the first time for each to serve on the board. They are Nick Matthews, Legislative Affairs Coordinator for Broward County, and Gary McAlpin, Coastal Zone Manager for Collier County, Florida. Nick and Gary will serve as governmental directors for the 2015-2017 term. Both were favorably considered at FSBPA's General Membership Meeting on September 25th, 2014, in Bonita Springs, Florida.

Let us introduce our distinguished new board members!

Nick Matthews joins the FSBPA Board of Directors bringing a strong intergovernmental affairs, public policy and lobbying background. Nick served as a Chief of Staff in the Florida Senate for several years. He is also experienced in statewide campaign management and local political consulting. For the last two and half years, Nick has served as Broward County's State Legislative Affairs Coordinator. In that capacity, Nick has successfully advocated for beach related issues for multiple legislative sessions and has earned a reputation as an effective and bipartisan advocate with extensive background in state legislative, budgetary, and executive processes.

*"I am proud and excited to join the FSBPA Board. In what is an increasingly hyper-political environment, no other statewide association can match FSBPA's continual membership involvement, knowledge, experience and track record of effectiveness. I look forward to contributing in every way I can."*



**Nick Matthews**

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Gary is a fifth generation Floridian currently serving as the Manager of Coastal Zone Management for Collier County, FL. He joined Collier County in 2005 and is currently responsible for Coastal Zone Management which has responsibility for beach maintenance and renourishment; inlet and estuary management; beach and boat park facilities; and estuarial water quality. From 2000 to 2005, he served as Broward County's Utilities Manager. Prior to entering public service in 2000, he spent his entire career in the private sector in various operational and executive positions.

Gary is a Professional Engineer and is currently a Commissioner with the Plantation Acres Improvement District, an independent Improvement District in Plantation, FL. He is a military veteran and holds a BS in Civil Engineering from the University of Missouri at Rolla; a MS in Industrial Engineering from the University of Miami and an MBA from the University of Miami.



**Gary McAlpin**

In 2000, his company was a finalist for the Cutting Edge Award by the Greater Miami Chamber of Commerce. He was also the recipient from the Florida Chamber of Commerce in 1997, 1998 and 1999 of the Top 10 fastest growing technology companies in the state.

He is married to Sophia for 37 years and has four children.

*"I am honored to be elected to serve on FSBPA's Board and look forward to continuing the outstanding contribution FSBPA has provided local governments, coastal communities and residents of Florida".*

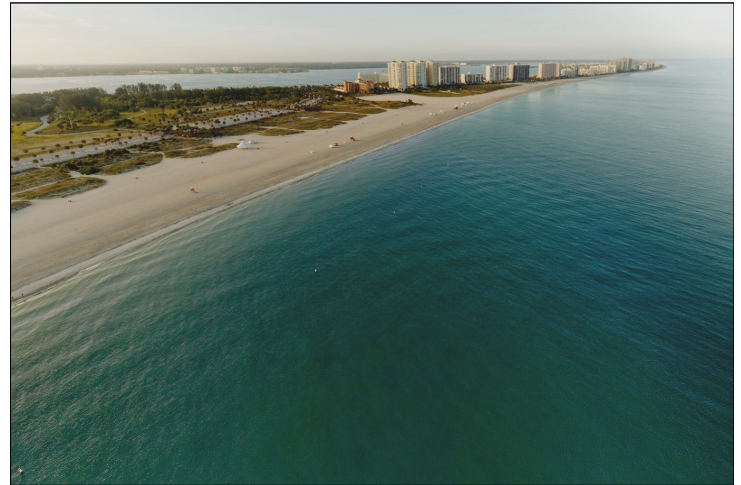
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## 2015 Tech Conference February 4-6 Clearwater Beach Marriott Suites on Sand Key

We hope you make plans to join us for the upcoming 28th annual National Conference on Beach Preservation Technology to be held February 4-6, 2015, at the Clearwater Beach Marriott Suites on Sand Key.

We've made it very easy to register **Register NOW!**  
– just visit the [conference website](#) and sign-up online. It's quick and convenient, plus you'll save **\$50 if you register by January 13, 2015.**



Aerial View of Sand Key Park (photo courtesy of Visit St. Pete/Clearwater)

The conference brochure went in the mail this past Monday, December 8th, so if you have not had a chance to review the entire **conference program**, be sure to check out following pages for the complete agenda. Also, be sure to visit the conference website, [www.fsbpa.com/tech-conference.html](http://www.fsbpa.com/tech-conference.html), for the most up-to-date version of the program.

Hotel reservations should be made directly with the conference hotel, the Clearwater Marriott Suites on Sand Key. [Click here to make your reservation online](#) or call (800) 228-9290. This is an all-suite hotel and rooms, single or double, are \$155 plus tax. Complimentary self-parking and complimentary internet access are available for hotel guests only. To ensure room availability **reservations should be made by January 13, 2015.**

Finally, should you have any interest in conference sponsorships, exhibits, advertising in the program, or questions regarding conference or hotel registration, please contact us at (850) 906-9227 or [mail@fspba.com](mailto:mail@fspba.com).

We hope you will join us February 4th - 6th at "America's largest annual conference on beach preservation technology."

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## 2015 Tech Conference Student Scholarships

The Florida Shore and Beach Preservation Association, organizer of the National Conference on Beach Preservation Technology, is pleased to announce that it will again be awarding one student a \$500 stipend for travel and other expenses to the 2015 Tech Conference which will also include a registration waiver. In addition, four other students will receive a registration waiver to the conference. A poster presentation is required by the selected students. The posters will be displayed in the exhibit area and presented during the professional exchange breaks. Please click on the link below for further details and to view/print the flyer and application. This is an excellent opportunity!

**The deadline for applications is January 7, 2015 at 5:00 p.m. EST.**

[Click here for the Flyer and Application](#)

For more information, please contact Teri Besse  
Email: [teri@fsbpa.com](mailto:teri@fsbpa.com)

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**28<sup>th</sup> Annual  
National Conference on Beach Preservation Technology  
PROGRAM  
February 4-6, 2015  
Clearwater Beach Marriott Suites on Sand Key**

**Wednesday, February 4, 2015**

**OPENING SESSION**

**1:00 p.m. to 5:35 p.m.**

1:00 p.m.

**Welcome**

1:10 p.m.

**An Overview of Pinellas County's Nourished Beaches and their Performance**

John Bishop, Ph.D. and Andrew Squires, Pinellas County, FL and Ping Wang, Ph.D., Coastal Research Laboratory, Department of Geology, University of South Florida, Tampa, FL

1:35 p.m.

**The Port Everglades Sand Bypass Project: An Important Future Sand Source for SE Florida Beaches**

Christopher Creed, P.E. and Steven Howard, P.E., Olsen Associates, Inc., Jacksonville, FL and Nicole Sharp, P.E., Broward County, FL

2:00 p.m.

**The Relocation of *Acropora Cervicornis*, Other Non-Acroporid Stony Corals, and *Xestospongia Muta* (Barrel Sponges) Associated with the Port of Miami Dredging Project**

Keith Spring and Anne McCarthy, CSA Ocean Sciences Inc., Stuart, FL

2:25 p.m.

**Exhibitor Recognition**

Tyler Tracz, PSM, Degrove Surveyors, Inc., Jacksonville, FL

2:30 p.m.

**Professional Exchange Break**

2:55 p.m.

**Fate of Fines Study: Sediment Loss During the Hydraulic Dredging Process**

Jase Ousley, P.G., U.S. Army Corps of Engineers, Jacksonville District, FL and Jennifer Coor, Ph.D., Florida Department of Environmental Protection, Division of Water Resource Management, Tallahassee, FL

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

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**Wednesday, February 4, 2015**

**OPENING SESSION continued**

3:20 p.m.

**Results from the Turbidity Monitoring Working Group**

Martin Seeling, PWS, Florida Department of Environmental Protection, Division of Water Resource Management, Tallahassee, FL

3:55 p.m.

**The Reality of Mixing Zone Requirements**

Tara Brenner, P.G., Thomas Pierro, P.E., and Lauren Floyd, CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL

4:20 p.m.

**Panel and Audience Discussion**

4:45 p.m.

**Improving Florida's Beaches: USFWS and USACE Partnership Under 7(A)(1) of the Endangered Species Act**

Aubree Hershorin, Ph.D. and Jase Ousley, P.G., U.S. Army Corps of Engineers, Jacksonville District, FL and Ann Marie Lauritsen, U.S. Fish and Wildlife Service, Saint Petersburg, FL

5:10 p.m.

**An Update on the Bureau of Ocean Energy Management's Hurricane Sandy Response Initiatives**

Jennifer Culbertson, Ph.D., Bureau of Ocean Energy Management Headquarters, Department of the Interior, Herndon, VA

5:35 p.m.

**Adjourn**

**6:30 p.m.**

**Welcome Reception**

**Location: Exhibit Hall**

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**Thursday, February 5, 2015**

7:35 a.m.

**Professional Exchange Break**

## **CONCURRENT SESSIONS**

**8:05 a.m. to 10:10 a.m.**

### **SESSION A**

8:05 a.m.

#### **UMAM Updates and Progress of Rule Development Process**

Lainie Edwards, Ph.D., Florida Department of Environmental Protection, Division of Water Resource Management, Tallahassee, FL

8:30 a.m.

#### **The Value of Hard Bottom and Hard Bottom Monitoring**

Eric Summa, U.S. Army Corps of Engineers, Jacksonville District, FL

8:55 a.m.

#### **Hardbottom Monitoring Standard Operating Procedures for Beach Nourishment Projects**

Lainie Edwards, Ph.D., Florida Department of Environmental Protection, Division of Water Resource Management, Tallahassee, FL

9:20 a.m.

#### **JCP Environmental Monitoring – Making it Meaningful, A Case Study – Charlotte County Stump Pass Erosion Control Project Seagrass Monitoring**

Kimberly Colstad, Coastal Technology Corp., Vero Beach, FL and Kris Thoemke, Ph.D., Coastal Engineering Consultants, Inc., Naples, FL

9:45 a.m.

#### **Panel and Audience Discussion**

10:10 a.m.

**Professional Exchange Break**

### **SESSION B**

8:05 a.m.

#### **Cutting Edge Developments of Combined Bathymetric/Topographic LiDAR as a Support Tool in the Coastal Zone**

Rupert Forester-Bennett, Pelydryn, Exeter, UK

8:30 a.m.

#### **Planes, Boats and Booties – Sea Bright to Manasquan Beach Profile and Groin Surveys**

Tim Cawood, PLS, McKim & Creed, Wilmington, NC

8:55 a.m.

#### **Detailed Visualization of Project Volume Changes**

Patrick Snyder, P.E. and Albert Browder, Ph.D., P.E., Olsen Associates, Inc., Jacksonville, FL

9:20 a.m.

#### **Vulnerability of Indian River County's Coast to Episodic Storm Events**

David Swigler, P.E., Gordon Thomson, P.E., and Julien Devisse, CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL and James Gray, Indian River County, FL

9:45 a.m.

#### **2014 Anna Maria Island Beach Nourishment Projects Construction and Post-Construction Monitoring**

Michelle Pfeiffer, P.E. and Thomas Pierro, P.E., CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL and Charlie Hunsicker, Manatee County, FL

10:10 a.m.

**Professional Exchange Break**

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**Thursday, February 5, 2015**

**CONCURRENT SESSIONS**

**10:40 a.m. to 11:55 a.m.**

**SESSION C**

10:40 a.m.

**Honeymoon Island Beach Restoration Project – Phase II Funding Overview and Construction Update**

Andrew Squires and John Bishop, Ph.D. and Pinellas County, FL and Brett Moore, P.E. and Mohamed Dabees, Ph.D., P.E., Humiston & Moore Engineers, Naples, FL

11:05 a.m.

**Evaluation of Bahamian Sand as a Nourishment Source for Long Key State Park**

Peter Seidle, P.E., Applied Technology and Management, Inc., West Palm Beach, FL, Cheryl Miller, Coastal Eco-Group, Deerfield Beach, FL, and Marshall Flake, Division of Recreation and Parks, Tallahassee, FL

11:30 a.m.

**Development of Estero Island Coastal Management Plan**

Josh Carter, P.E., Coast & Harbor Engineering, a Division of Hatch Mott MacDonald, New Orleans, LA, Matthew Campbell, P.E. and Arpit Agarwal, Coast & Harbor Engineering, Inc., a Division of Hatch Mott MacDonald, Austin, TX, and Keith Laakkonen, Town of Ft. Myers Beach, FL

11:55 a.m.

**Luncheon**

**SESSION D**

10:40 a.m.

**Coastal Structure Permitting in Florida: Part II**

Jason Engle, P.E. and Tori White, U.S. Army Corps of Engineers, Jacksonville District, FL

11:05 a.m.

**Recent Applications and Advancements for the Strategic Use of Coastal Structures**

Thomas Pierro, P.E., CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL

11:30 a.m.

**Headlands, Living Shorelines and Breakwaters: Design, Construction and Performance of Three Cool Sites Along the Potomac River Estuary**

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

11:55 a.m.

**Luncheon**

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**Thursday, February 5, 2015**

**CONCURRENT SESSIONS**

**1:15 p.m. to 2:55 p.m.**

**SESSION E**

1:15 p.m.

**Development and Adoption of Updated Inlet Management Plans – Port Canaveral Inlet Management**

Ralph Clark, P.E., Florida Department of Environmental Protection, Division of Water Resource Management, Tallahassee, FL and Kevin Bodge, Ph.D., P.E., Olsen Associates, Inc., Jacksonville, FL

1:40 p.m.

**Wiggins Pass Inlet Management Plan Implementation and 1<sup>st</sup> Year Performance**

Stephen Keehn, P.E., Julien Devisse, P.E., and Tara Brennar, P.G., CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL and Gary McAlpin, P.E., Collier County, FL

2:05 p.m.

**Design and Expansion of the Sebastian Inlet Sand Trap**

Michael Jenkins, Ph.D., P.E., Applied Technology and Management, Inc., West Palm Beach, FL and Martin Smithson, Sebastian Inlet District, Indian River, FL

2:30 p.m.

**Modern and Historical Morphodynamics of the John's Pass – Blind Pass Dual-Inlet System, Pinellas County, Florida**

Mark Horwitz, P.G., Ping Wang, Ph.D., Ming Xie, and Jun Cheng, Coastal Research Laboratory, Department of Geology, University of South Florida, Tampa, FL

2:55 p.m.

**Professional Exchange Break**

**SESSION F**

1:15 p.m.

**Maximizing Environmental Benefits through the Gulf Environmental Benefit Fund**

Kenneth Craig, P.E., Taylor Engineering, Inc., Jacksonville, FL and Jonathan Porthouse, National Fish and Wildlife Foundation, Baton Rouge, LA

1:40 p.m.

**Environmental Windows, A Closer Look**

Bill Hanson, Great Lakes Dredge and Dock Co. LLC, Oak Brook, IL

2:05 p.m.

**An Evaluation of Environmental Windows on Dredging Projects in Florida, USA**

Aubree Hershorin, Ph.D. and Terri Jordan-Sellers, U.S. Army Corps of Engineers, Jacksonville District, FL

2:30 p.m.

**Evaluating Expected Dredging Costs for Highly Variable Market Conditions**

Steven Howard, P.E., Olsen Associates, Inc., Jacksonville, FL

2:55 p.m.

**Professional Exchange Break**

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**Thursday, February 05, 2015**

**CONCURRENT SESSIONS**

**3:25 p.m. to 5:05 p.m.**

**SESSION G**

3:25 p.m.

**Current Methods of Calculating Beach Visitation Benefits of Beach Nourishment Projects**

Michael Trudnak, P.E., Taylor Engineering, Inc., Jacksonville, FL and William Hunt, retired USACE, Jacksonville, Florida

3:50 p.m.

**Comparison of Taxation and Spending Relative to Beach Nourishment**

Jimmy Sellers, M.B.A., Coastal Technology Corp., Vero Beach, FL

4:15 p.m.

**The Florida Beaches Habitat Conservation Plan: A Collaborative Effort**

Jennifer McGee, Ph.D., Thomas Ostertag, Florida Fish and Wildlife Conservation Commission, Tallahassee, FL, Lisa Robertson, Florida Department of Environmental Protection, Tallahassee, FL, and Brian Powell, U.S. Fish and Wildlife Service, Vero Beach, FL

4:40 p.m.

**Science Approach to Maintain a Healthy Beach**

Chung-Sheng Wu, Ph.D., Meteorological Development Laboratory, Office of Science and Technology, National Weather Service, National Oceanic Atmospheric Administration, Silver Spring, MD

5:05 p.m.

**Adjourn**

**SESSION H**

3:25 p.m.

**The Coastal Defense Application: Evaluating Nature's Role in Coastal Protection in Southeast Florida**

James Byrne, Chris Bergh, Caitlin Lustic, The Nature Conservancy, Big Pine Key, FL and Zach Ferdana and Greg Guannel, Ph.D., Natural Capital Project, Stanford, CA

3:50 p.m.

**Coastal Resiliency in Broward County**

Samantha Danchuk, Ph.D., P.E., Nicole Sharp, P.E., and Jennifer Jurado, Ph.D., Broward County, FL

4:15 p.m.

**A Case Study in Applying Natural Resources Management for Coastal Resiliency: The City of Miami Beach Dune Management Plan**

Margarita Wells, City of Miami Beach, FL

4:40 p.m.

**Climate Change and Population Dynamics of Coastal Dune Plants: Will *Dalbergia* Eat the Beach This Year or Next?**

Robert Barron, Coastal Growers, Inc., Boynton Beach, FL

5:05 p.m.

**Adjourn**

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**Friday, February 6, 2015**

7:30 a.m.

**Breakfast Break**

**CLOSING GENERAL SESSION**

**8:00 a.m. to 12:15 p.m.**

8:00 a.m.

**Shoreline Change in Response to Sea Level Rise on the Southwest Coast of Florida**

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

8:25 a.m.

**Sea Level Rise Effects on Beaches and Beach Nourishment**

Andrew Condon, Ph.D. and Michael Walther, P.E., Coastal Technology Corp., Vero Beach, FL

8:50 a.m.

**U.S. Army Corps of Engineers Guidance on Sea Level Change and Application in Coastal Storm Damage Reduction and Ecosystem Restoration Projects**

Heidi Moritz, P.E., U.S. Army Corps of Engineers, Portland District, OR, and Matthew Schrader, P.E. and Mark Shafer, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL

9:30 a.m.

**Living With Sea Level Rise**

Douglas Mann, P.E., CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL

9:55 a.m.

**Professional Exchange Break**

10:25 a.m.

**Introduction to the Coastal Engineering Program at the University of North Florida, Jacksonville, Florida**

William Dally, Ph.D., P.E., University of North Florida, Jacksonville, FL

10:35 a.m.

**Analysis of a 10-Year Nearshore Wave Data Base and Its Implications to Littoral Processes**

Luis Montoya and William Dally, Ph.D., P.E., University of North Florida, Jacksonville, FL

11:00 a.m.

**UAS for Coastal Applications: Understanding the Regulatory Environment**

Adam Benjamin, UF/IFAS Fort Lauderdale Research & Education Center, University of Florida, Fort Lauderdale, FL and Earl Soeder, PSM, GPServ, Inc., Orlando, FL

11:25 a.m.

**Coastal Engineering Haitian Style**

Gary Zarillo, Ph.D., Department of Marine & Environmental Systems, Florida Institute of Technology, Melbourne, FL, Timothy Blankenship, P.E., Coastal Systems International, Inc., Coral Gables, FL, and Jean Lucien Ligonde and Joseph Philoxy, CHRAD, Petion-ville, Ouest, Haiti

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**Friday, February 6, 2015**

**CLOSING GENERAL SESSION continued**

**8:00 a.m. to 12:15 p.m.**

11:50 a.m.

**Passive Dewatering – A Soft Way to Extend the Life of Beach Nourishments**

Kenneth Christensen, EcoShore Int'l, Inc., Boca Raton, FL, Sandy Nettles, P.G., Nettles & Associates, Inc., Palm Harbor, FL, and Frank Gable, Ph.D., Department of Marine and Ecological Sciences, Florida Gulf Coast University, Fort Myers, FL

12:15 p.m.

**Conference Adjourns**

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

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## A Reminder: General Membership Dues for 2015

If you have not already renewed General Membership for 2015, please do so before year's end. If you have misplaced your invoice or are considering a new membership, you will find the fee schedule and membership form online at [www.fsbpa.com/membership.html](http://www.fsbpa.com/membership.html).

Nothing is more important to FSBPA that prides itself in being the "voice on behalf of Florida's beaches" than growing our membership, while sustaining our local government, tourism-related, and coastal expertise/services base. Please help us spread the word.

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## Jacksonville District to Become Regional Center of Expertise (RCX) for Regional Sediment Management (RSM)



**US Army Corps  
of Engineers®**

[Click here for the USACE  
Jacksonville District website](#)

Recently the South Atlantic Division (SAD) Regional Management Board unanimously approved Jacksonville District to become the Regional Sediment Management (RSM) Regional Center of Expertise (RCX) for SAD.

RSM is a systems-based approach that integrates the management of littoral, estuarine, and riverine sediments to achieve balanced and sustainable solutions to sediment-related needs in a region. The RCX has a vision of bridging USACE business lines through implementation of RSM principles.

The role of the RCX will be to provide experience-based guidance on the practical application of RSM principles to USACE mission areas of Navigation, Coastal Storm Damage Reduction, Ecosystem Restoration and Flood Damage Reduction. The RCX will be a technical resource for districts on the full array of RSM tasks including assistance with annual RSM proposals, RSM study execution, resource agency coordination, and implementation of RSM strategies. The RCX will focus on helping districts integrate RSM concepts into new and existing dredging projects and on better quantifying the benefits of RSM efforts.

The selection as the RCX is largely in part to the RSM efforts and accomplishments of the Jacksonville District to date. In North Florida alone, over recent project history, there has been a “savings” or added value of over \$90 million through the implementation of RSM principles to Navigation and Hurricane and Storm Damage Reduction (HSDR) projects within the region. In 2013, RSM principles were implemented to place sand from emergency Navigation O&M projects on the beach at HSDR projects to achieve roughly \$27 million of increased value to the Nation. These savings were a result of a reduced need for sand from the offshore sources permitted for use by these projects due to the beneficial use of sand from the navigation dredging.

With coordination and cooperation being the most important part of RSM, these successes would not have been possible without the efforts of project sponsors, resource agencies, and stakeholders throughout the state of Florida.

The Jacksonville District is looking forward to expanding the implementation of RSM principles in its new role as the RCX. The current and future initiatives of the RCX include identifying subject matter experts across the South Atlantic region, developing a website, developing standard operating procedures for quantifying RSM benefits, developing an RSM communication plan, and implementation of RSM strategies into project design and construction.

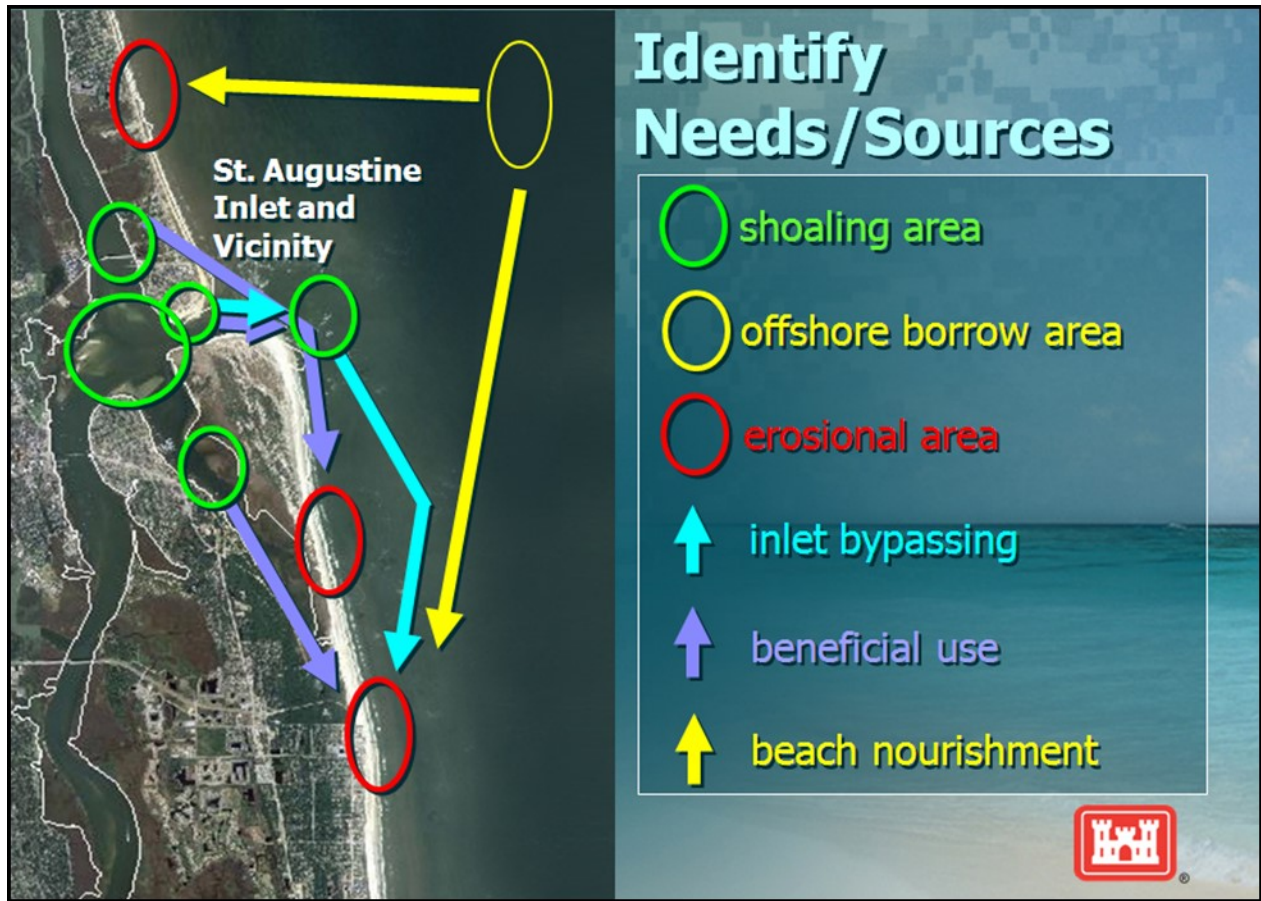


Figure 1. Sediment sources and needs, St. Augustine Inlet vicinity, FL.

An example of past success by the Jacksonville District with regional sediment management is in the vicinity of St. Augustine Inlet. An evaluation at St. Augustine Inlet identified sediment needs and sources and led to consideration of how sediment can best be managed among all the projects. Review of RSM strategies and collaboration with stakeholders in the region led to the use of high shoaling areas within the inlet as sediment sources for the erosional beach to the south of the inlet in a recent dredging project.

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# FDEP Division of Water Resource Management Agency Update

## 2014 Update to the Strategic Beach Management Plan Available for Public Comment

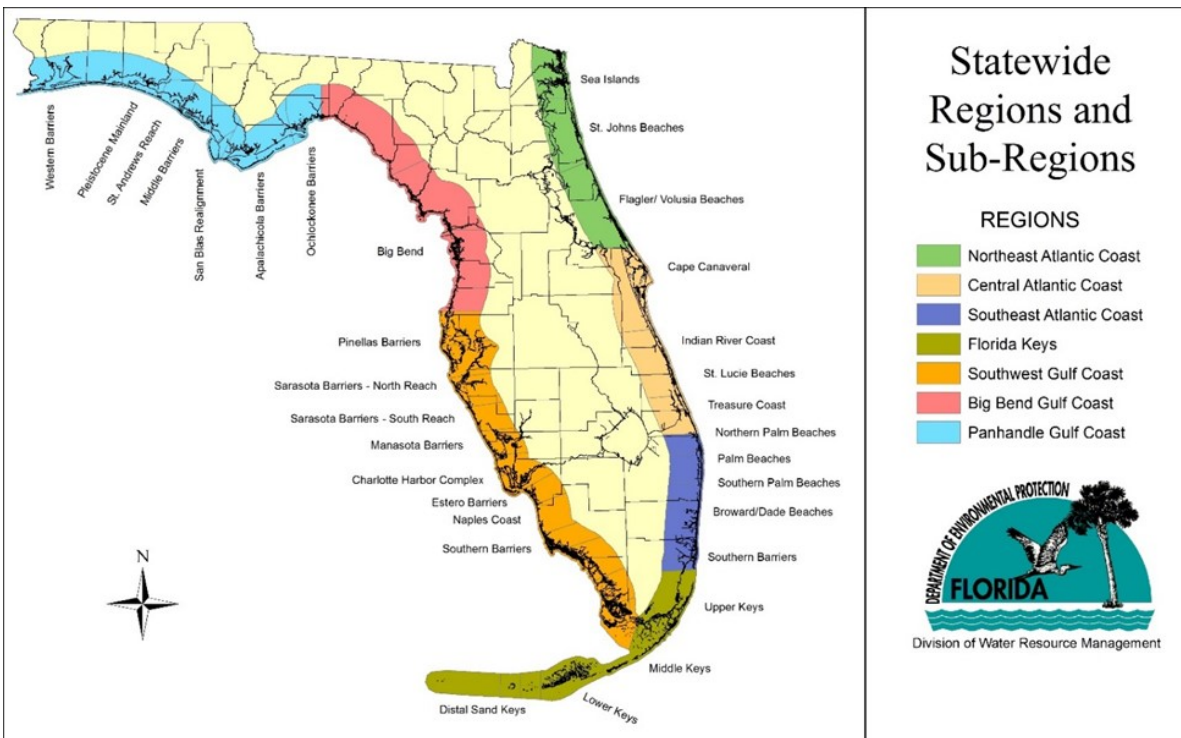


The Department of Environmental Protection held public meetings on the 2014 update to the Strategic Beach Management Plan (SBMP 2014) on December 9, 10 and 11<sup>th</sup>. These meetings provided an overview of the updates to the 7 different regions as well as the introduction of the SBMP.

The Strategic Beach Management Plan (SBMP) documents the specific strategies for constructive actions at critically eroded beaches and inlets. Projects must have a clearly identifiable beach management benefit consistent with the SBMP to be eligible for state funding assistance. Resources and opportunities to achieve the strategic goals of the program are discussed in the context of a subregion defined by the boundaries of distinct coastal littoral processes. The SBMP also provides a summary of previous actions taken to address beach erosion within each subregion.

Please go to <http://www.dep.state.fl.us/beaches/> to view the updates.

Comments and questions may also be submitted to William (Guy) Weeks at [William.Weeks@dep.state.fl.us](mailto:William.Weeks@dep.state.fl.us) until January 15, 2015.



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## **FY2015/2016 Local Government Funding Request**

The draft 2015/2016 local Government Funding Request is in final review and is on schedule to be sent to the Governor and Legislature by January 1, 2015. The funding requests for FY 2015-2016 consist of fifty-seven projects, which total over \$100 million in state funding. There are forty-five Beach Restoration and Nourishment Projects (“Beach Projects”) totaling over \$90 million. Thanks to all who have participated in developing this request.

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## 2015 FSBPA Annual Conference \* September 23-25 \* Hawks Cay \* Duck Key, FL

Below is an article by Sheldon Suga, Managing Director of Hawks Cay Resort and Marina, on the great opportunities that the Keys offers in September for fishing. Whether you want to arrive early, stay after the conference or take Thursday afternoon, consider putting a group together and book a half-day or full-day fishing excursion! We have a number of long-standing members that can provide you first-hand knowledge of fishing options in the Keys. For complete details on booking a fishing trip, [click here](#).

### SEPTEMBER 2015 FISHING REPORT

BY MANAGING DIRECTOR, SHELDON SUGA

September is an excellent month to fish in the Florida Keys. Inshore, big bonefish and permit are cruising the shallows, and our backcountry waters are loaded with redfish and resident tarpon. Flat-calm conditions make September ideal for site fishing for tailers and wakers using both fly and spinning gear, with the best bites generally occurring early in the morning or later in the day.

On the reef, September offers consistent rod-bending action for a variety of hard-fighting and great tasting species. Book a half-day trip with one of our seasoned pros and bring home a cooler full of delicious mangrove, mutton, and yellowtail snapper filets. You may even land a big black grouper!

Offshore, the blackfin tuna bite is red hot, and it's not too late to catch a trophy slammer mahi mahi (dolphin, as we like to call them). Speaking of offshore fishing, I can't mention the month of September without talking about daytime swordfishing. The swordfish bite has been outstanding with fish over 200-pounds common this time of year. Just a few weeks ago our very own Captain George Campbell of Snapshot Charters caught a 405-pounder! No matter what type of fishing you want to do, our deep-sea and backcountry guides will put you on the fish. Take a stroll down to the marina and see what they caught today.

Tight lines and good fishing...**Sheldon**



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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

**February 4-6, 2015**  
**2015 Tech Conference**  
**Clearwater Beach Marriott**  
**Suites on Sand Key**

**September 23-25, 2015**  
**2015 FSBPA Annual Conference**  
**Hawks Cay \* Duck Key, Florida**

**28th Annual**  
**National Conference**  
**on Beach**  
**Preservation Technology**

**February 4-6, 2015**  
 Clearwater Beach Marriott Suites  
 on Sand Key

**Conference Registration**  
 Early Registration ends January 13, 2015

**Hotel Information**  
 Reservation deadline is January 13, 2015

**Sponsorships, Exhibits and**  
**Ad Information**

For more information, please contact  
 Teri Besse via email, [teri@fsbpa.com](mailto:teri@fsbpa.com)

### OTHER DATES OF INTEREST

**February 24-26, 2015**  
**ASBPA 2015 Coastal Summit**  
**Washington, DC**

**March 6-8, 2015**  
**8th Annual Florida Marine Turtle Permit Holder Meeting**  
**Crowne Plaza Melbourne-Oceanfront**  
**Melbourne Beach, Florida**

**May 11-15, 2015**  
**2015 Coastal Sediments Conference**  
**San Diego, CA**

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