

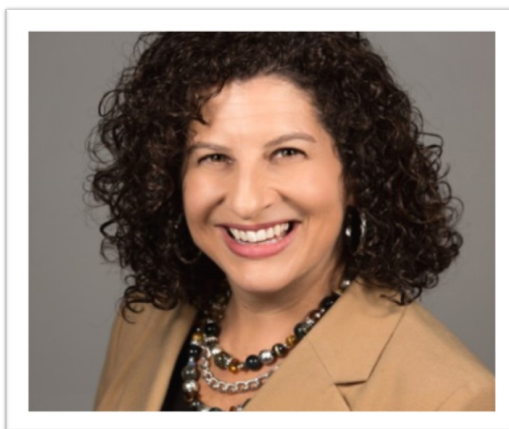
## A Message from FSBPA's Incoming Chair

As we settle into the "most wonderful time of the year," it's time to take a look back over 2015, and renew our focus on making 2016 the best year yet for Florida's beaches.

We started the year with cautious hope regarding the huge support given to the passing of Amendment 1. Florida's voters had spoken – now we had to find out exactly what the legislature heard them

say. A collective sigh of relief was heard among our members when beach projects were included in the implementing language for the bill. We bid goodbye to the Ecosystem Management and Restoration Trust Fund (EMRTF), the beach funding trust fund for the last two decades and welcomed Amendment 1's Land Acquisition Trust Fund (LATF) as the new source of beach funding.

When the smoke cleared after a tumultuous and extended session, a total of \$32.1M was approved for construction of Florida's beaches in the 2015/16 budget (\$25M from LATF supplemented with \$7.1M in general revenue). This was a decrease from the \$47M appropriated in 2014 and a far cry from the \$50M we had set our sights on at the beginning of session. Unique to this year was the fact that each individual beach project, and its specific funding amount, was listed in the appropriations act, and therefore subject to the Governor's line-item veto authority. In addition, several projects were only partially funded by the State for 2015/16. Hopefully neither of these is a trend that will be repeated in the 2016 budget process.



**Leanne Welch, Palm Beach County  
FSBPA 2016 Chair**

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#### **2016 Tech Conference February 3-6**

Omni Hotel ◆ Jacksonville, FL

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#### **USACE Jacksonville District Welcomes**

**Colonel Jason A. Kirk  
Commander**

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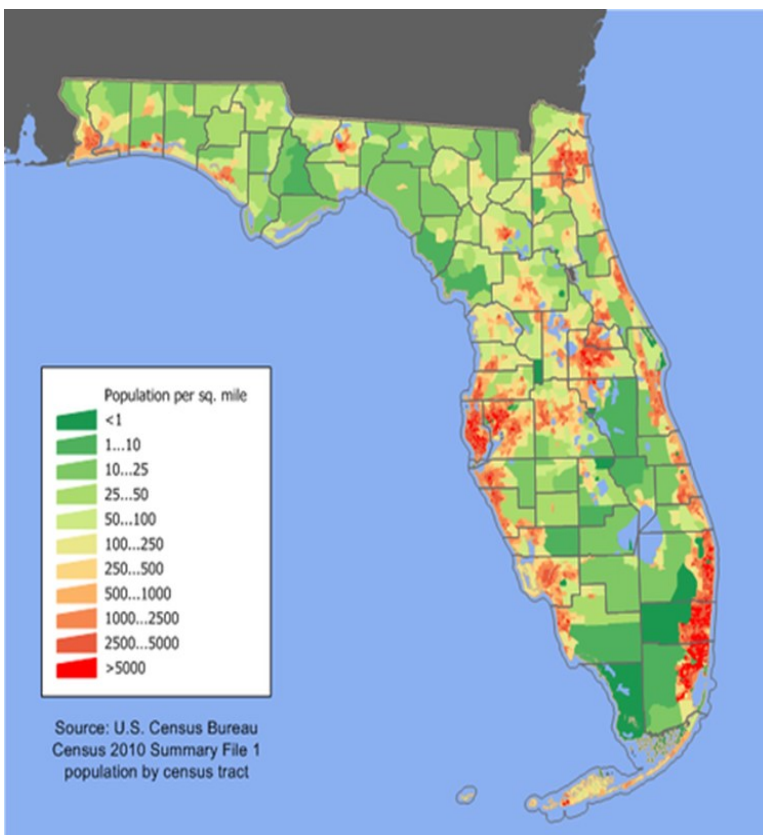
#### **FDEP Division of Water Resource Management Agency Updates**

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Another unique event in 2015 was the Annual meeting. Well, the meeting wasn't unique, but the location certainly was. Once again our professional staff put together an outstanding conference program full of timely topics and thought-provoking conversation. On a personal note, I loved the chance to network with you all in the relaxed atmosphere of Hawk's Cay. It's amazing how much business can be conducted in bathing suits, polo shirts and wetsuits! I hope to see you all at the Tech conference in February. We will be back to a more traditional setting, but the program will be just as great.

Exciting changes are in store for FSBPA in 2016. As directed by the Board of Directors, your Executive Committee has been hard at work behind the scenes with Debbie Flack to ensure a smooth transition into these changes. The biggest change will be the addition of a full-time Executive Director (ED) for the Association. The ED will have overall operational and administrative responsibility for the ongoing execution and oversight of FSBPA's programs, membership, contractual services, and conferences as well as implementation of governance, fiscal and accountability policies and procedures. In other words, the ED will manage the day-to-day operations of the Association, freeing Debbie up to focus more of her time on governmental affairs, policy, legislation, and of course, beach funding. We'll have more details on this position in the January issue of *Shoreline*.

It looks like we have been spared once again by a relatively quiet hurricane season, but Mother Nature has kept us on our toes with a series of record-breaking king tides. Sea level rise is on everyone's mind, and the concept of a living shoreline is becoming a mainstream one. Time and time again we have seen that a well-maintained beach and dune system can mean the difference between a beach which weathers a storm relatively well, and one which is totally devastated.



Florida's beaches are critical to our economy. You know this, I know this. We need to make sure EVERYONE knows this! Seventy-five percent of Florida's population lives within 25 miles of the beach. Take a look at this graphic from the US Census bureau. With the exception of the I-4 corridor and the capital, Florida's population is almost entirely concentrated along the coast.

This translates to more businesses, higher real estate values, and more tourism dollars along the coast. Together, we must offer a vision and a reasoned argument to secure a higher and more consistent state funding level for beach management. Additionally, and more than ever, we need to speak as one collective voice for an improved, simplified, and equitable beach funding selection process, even if that means challenging the status quo and thinking outside the box.

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You can be certain that your FSBPA representatives will be involved in these next, critical months in Tallahassee. I want to challenge you all to stay involved during this legislative session. Make sure to stay dialed in with your lobbyists and legislators so there are no surprises when it is all said and done. Together we can work toward continuing the ground-breaking efforts of Dr. Dean, Congressman Young, Senator Jones, and countless others before us. Let us know how we can help you ensure a future for Florida's beaches. I'll see you in Jacksonville in February!

~Leanne

## Meet Our Chair for 2016



Leanne grew up on Long Island, New York and in Albuquerque, New Mexico, but Florida has been her home since 1990. After graduating with her Bachelor's degree in Marine Science and Biology from the University of Miami, she went to work as a divemaster and underwater tour guide at Walt Disney World's Living Seas aquarium. She met her husband, Ray, at the "Happiest Place on Earth" and they moved to Miami in 1996, where she began her career working for Brian Flynn as a biologist with Miami Dade County. In 2002, she moved up the coast a bit and is currently the Environmental Manager for Palm Beach County's Department of

Environmental Resources Management. After realizing that she was never going to be an actual "marine biologist," Leanne went back to school in 2003 and received her Master of Business Administration in Environmental Management from Florida Atlantic University. Leanne is involved with many coastal issues in Palm Beach County, including coastal construction (beach and dune nourishment, artificial reef construction, inlet management, and living shorelines), coral reef ecosystem monitoring, sea turtle nesting, manatee protection, and a variety of estuarine management and monitoring programs in Lake Worth Lagoon.

Leanne and her husband Ray have one daughter, Isabella, and they love spending time together at the beach, boating, snorkeling and diving (basically anything that involves being near, in, on, or under the ocean). She still sneaks away to Disney whenever possible, sings in the band at her church, and spends most weekends at the softball field cheering for her daughter's team.

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## FLORIDA SHORE & BEACH PRESERVATION ASSOCIATION

### The Association's Officers for 2016

FSBPA's Officers for the coming year, as recommended by the Board of Directors and voted upon by the members at the 2015 general membership meeting, are:

**Leanne Welch** (Palm Beach County): **Chair**  
**Jim Trifilio** (Okaloosa County): **Vice-Chair**  
**Don Donaldson** (Martin County): **Secretary/Treasurer**

These officers and the past chair, **Richard Bouchard** (St. Lucie County), will serve as the **Executive Committee** for 2016.

### FSBPA Board of Directors for 2016

**Virginia Barker**, Brevard County (new)  
**Richard Bouchard**, St. Lucie County, Past-Chair  
**Steve Boutelle**, Lee County  
**Don Donaldson**, Martin County, Secretary/Treasurer  
**James Gray**, Indian River County  
**James Houston**  
**Gary McAlpin**, Collier County  
**Tamara Pigott**, Lee County Visitors & Convention Bureau  
**Andy Squires**, Pinellas County  
**Marty Smithson**, Sebastian Inlet Tax District  
**Jim Trifilio**, Okaloosa County, Vice-Chair  
**Leanne Welch**, Palm Beach County, Chair  
**Laird Wreford**, Sarasota County

### Ex-Officio Board Members for 2016

**Michael Barnett**, Tetra Tech, Inc.  
**Chuck Broussard**, Weeks Marine, Inc.  
**Brett Moore**, Humiston & Moore Engineers  
**Matt Schrader**, USACE Jacksonville District  
**Fred Aschauer, Jr. and Trina Vielhauser**, FDEP

## New Member of the Board of Directors

FSBPA is pleased to welcome new Board Member, Andy Squires, to the Board of Directors. This is Andy's first time to serve on the board and he will serve as a governmental director for the remainder of the 2015-17 term. Andy was elected to the Board at the September 23, 2015, board meeting immediately filling the vacancy of board member Nick Matthews.

It is a pleasure to introduce our new board member to you!

Andy has a BA in Biology and a MS degree in Marine Science, both from the University of South Florida. He is currently the Coastal and Freshwater Resources Section Manager for Pinellas County's Division of Natural Resources. His primary focus is on the County's Beach Management Program and developing plans for use of Federal RESTORE Act penalty funds from the 2010 Gulf of Mexico BP oil spill. Other Section programs include the Water and Navigation Unit that covers dock permitting, mangrove trimming, aids to navigation maintenance, derelict vessel removal, and manatee protection; and the Environmental Monitoring Unit that assesses the quality of surface waters, seagrasses, streams, and bay benthic communities. Andy has held multiple management level positions for Pinellas County since 1997 and has worked on several collaborative watershed-related projects with the Southwest Florida Water Management District and the Tampa Bay Estuary Program. Prior to Pinellas County, Andy's work focused on surface water quality monitoring and assessment that included seven years for Tampa Bay area environmental consulting firms and over eight years for the City of Tampa's Bay Study Group.



**Andy Squires**

As a youth growing up in north-central New Jersey, Andy enjoyed summer vacations to the Jersey shore (Point Pleasant and Long Beach Island). Most of Andy's free time nowadays is spent cycling for exercise and stress relief.

***“On behalf of Pinellas County, I have benefitted greatly as a member of FSBPA. Now it's my turn to help benefit the organization through service on the board.”***

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## Legislative and Governmental Year-end Update

(Debbie Flack, President, Dec. 9)

On behalf of the Board of Directors, our officers, professional staff and consultants, and before getting to the details, FSBPA would like to wish you the happiest of holidays and a wonderful New Year, as well as express our sincere appreciation for your continued support. Advocating on behalf of Florida's beaches is dependent on your active involvement and financial contributions, and our membership never disappoints. As Leanne noted in the Chair's welcoming message, FSBPA has been preparing for the addition of a full-time Executive Director in 2016 to not only administratively serve you more effectively, but also to free up your governmental team for the challenges ahead in sustaining the statewide beach program in an increasingly competitive and changing political and agency environment. I believe we have the perfect choice to introduce you to next month! We sincerely hope over the coming year to continue to demonstrate the effectiveness of the Association and our successful "beach" partnership.

*Happy Holidays*

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Finally, after a difficult 2015 Session, three Special Sessions which followed, and starting in September six committee meeting weeks for the 2016 Session, last Friday it all came to an end for this calendar year. What is a bit troubling is the reality that the 2016 Session begins January 12, rather than the traditional March start. I think there is a mixed resignation amongst everyone including lawmakers that a break might have been helpful and appreciated, but looking forward to an earlier end will make it all worth it—but end it must!

Base budget numbers are already being crunched for the upcoming appropriations process. Substantive bills likely to pass have been filed, numbered, either referred or awaiting committee referrals and many bills already heard in one or more House and Senate committees. FSBPA's bill tracking list continues to grow.

At least our mutual challenges are almost singularly focused on the statewide beach management program, so we have a good understanding of the obstacles ahead, and have a framework for our mutual advocacy



strategy going forward on behalf of Florida's beaches. That said, I certainly wish I could report a better starting point for FY 2016/17 state funding in terms of trust fund (Amendment 1's Land Acquisition Trust Fund) expectations. However, given last session's FY 2015/16 \$25 M LATF allocation, DEP's \$25 M recommendation for the coming fiscal year, and the Governor's Budget Recommendation of \$25 M for FY2016/17 unveiled recently, it is obvious the starting point is likely to be that amount. Our ability to secure additional General Revenue dollars to grow the trust fund total is far too early to predict but certainly part of the strategy.

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Now it is the time for FSBPA to again ask for your assistance in providing an effective message to legislators directly, or to locally-elected officials and other coastal-related interests to share, regarding the need for a significant increase in annual beach funding and to justify a larger share than a base figure of \$25 M from LATF.

It seems there is some recognition among lawmakers of the disconnect between the Agency's request of \$25 M for the coming year (FY 2016/17), and the Local Government Funding Request (LGFR) recently-transmitted by DEP to the Legislature that includes **51 beach and inlet management projects plus post-construction monitoring with a total state cost of \$97.7 M**. If the \$25 M starting point is the ending point as well, just 15 beach projects would receive the state funding requested for the coming year and the top 3 ranked inlet projects would, at best, receive the statutory minimum funding of 10% of the total state appropriation. Consider further, two major construction projects that could leverage well-over \$32 M in federal dollars would go unfunded, and 4 of the 8 projects only partially funded this fiscal year (2015/16) would not receive further state funding for next year. This translates into a relatively simple governmental strategy going forward that goes down the beach list using all available base funding, and then turns our focus to leveraging federal dollars and making those projects significantly short-changed in FY 15/16 whole in the upcoming appropriations process. **This alone has a state cost-share of over \$50 M, and still will only address just over half of the projects in the LGFR for FY 2016/17 and over half the total amount of state funding requested.** This funding objective which doubles the likely \$25 M starting point may not be a reasonable expectation, but is certainly a worthy goal. It is simple, justified, and reflects our coalition of interests consistent purpose over the years.

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Those of you involved in FSBPA through coastal governments, FAC, and the League of Cities — CVBs and TDCs— professional associations like Florida Association of Realtors, FRLA , Chambers of Commerce, and environmental groups— other coastal consultants and industry, it is a perfect time to take this interim month and get local project funding needs before members of your legislative delegations, while also sharing our mutual and larger message: **(1) The need for a significant increase in annual beach project funding; and (2) further justifying a larger share of that increased funding coming from the Amendment 1 Land Acquisition Trust Fund; while (3) continuing to emphasize the linkage between healthy beaches, tourism and state sales tax revenues so that non-recurring General Revenue is also considered.**

Far too many worthy projects are going unfunded year after year, and federal and local matching dollars left on the table. The Legislature's Office of Economic and Demographic Research (EDR) report as well as their recent Senate appropriations committee presentation noted "Beaches are the most important feature of Florida's brand and have the strongest effect on attracting tourists." "Beach Restoration is essentially a form of quality control for that product." The beach program's exceptional ROI of 5.4 was stressed as one of the highest of such EDR calculations, and unprecedented when it comes to resource management programs.

Please continue to do whatever you can individually and collectively to get the message heard over many competing interests. A worthy distinction is healthy beaches can grow state revenues whether its tourism-related sales taxes or higher coastal property values which increase documentary stamp tax revenues for Amendment 1 programs.

## 2016 Tech Conference February 3-5 Omni Jacksonville

We hope you plan to join us for the upcoming 29th annual National Conference on Beach Preservation Technology to be held February 3-5, 2016, at the downtown Jacksonville Omni Hotel.

We've made it easy to register – just visit the [conference website](#) and sign-up online. It's quick and convenient, plus you'll save **\$50 if you register by January 12, 2016.**

**Register  
NOW!**

Save the Date postcards were recently mailed out as a reminder to register and make hotel reservations in addition to announcing when the program would be made available. A digital brochure is online as well, [click here](#). Be sure to check out the following pages for the complete agenda. Also, remember 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 Omni Jacksonville. [Click here to make your reservation online](#) or call (800) 843-6664. The group rate is \$150 single or double, plus tax. There is a discounted overnight valet parking fee of \$10 per vehicle, per night and complimentary wireless internet access in guest rooms with enrollment in the [Omni Select Guest Program](#). **To ensure room availability, make your reservation early!** The hotel will honor the group rate as long as rooms remain in FSBPA's block or by **January 12, 2016**, whichever occurs first.



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 3-5, 2016, at "America's largest annual conference on beach preservation technology."



# 2016 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 be awarding one student a \$500 stipend for travel and other expenses to the 2016 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. Don't miss out on this excellent opportunity!

**The deadline for applications is January 11, 2016 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)

**29<sup>th</sup> Annual National Conference on Beach Preservation Technology  
Conference Program  
February 3-5, 2016 ♦ Omni Jacksonville**

**Wednesday, February 3, 2016**

**OPENING SESSION**

**1:00 p.m. to 7:00 p.m.**

**1:00 p.m.**

**Welcome**

**1:10 p.m.**

**The Value of Navigation Dredged Material to Ecosystem Restoration and Coastal Resiliency**

**Eric Summa and Terri Jordan-Sellers., U.S. Army Corps of Engineers, Jacksonville District, FL and Anne McCarthy and Mark Fonseca, Ph.D., CSA Ocean Sciences Inc., Stuart, FL**

**1:35 p.m.**

**Risk-Informed Decision Making for Sea Level Rise Adaptation**

**Angela Schedel, Ph.D., P.E., Commander U.S. Navy, Ocean Engineering Department, U.S. Naval Academy, Annapolis, MD**

**2:00 p.m.**

**In Search of Resiliency – Martin County’s Journey toward Increased Berm Elevation**

**Kenneth Craig, P.E. and Michael Trudnak, P.E., Taylor Engineering, Inc., Jacksonville, FL and Kathy Fitzpatrick, P.E., Martin County, FL**

**2:25 p.m. Professional Exchange Break**

**2:55 p.m.**

**Mechanisms for Hurricane Sedimentation of Hardbottom Resources**

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

**3:20 p.m.**

**Development of an Appropriate Mixing Zone Using Turbidity and Sedimentation Predictions for the Port Everglades Sand Trap**

**Christopher Creed, P.E. and Steven Howard, P.E., Olsen Associates, Inc., Jacksonville, FL, Julio Zyserman, Ph.D., DHI Water & Environment, Inc., Solana Beach, CA, and Cheryl Miller, Coastal Eco-Group, Deerfield Beach, FL**

**3:55 p.m.**

**Predicting Loss of Fine Sediment from Borrow to Beach**

**Krista Henrie, Kevin Bodge, Ph.D., P.E., and Steve Howard, P.E., Olsen Associates, Inc., Jacksonville, FL**

**4:20 p.m.**

**Application of Nearshore Placement Tools at Vilano Beach, Florida**

**Katherine Brutsché, Ph.D., Brian McFall, Ph.D., P.E., Jase Ousley, P.G., and Coraggio Maglio, P.E., Coastal Hydraulics Laboratory, U.S. Army Engineer Research and Development Center, Vicksburg, MS and Jason Engle, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL**

**4:45 p.m. Panel and Audience Discussion**

**5:00 p.m. Adjourn**

**6:00 p.m. – 7:00 p.m. Welcome Reception, Location: Exhibit Hall**

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**Thursday, February 4, 2016**

**CONCURRENT SESSIONS**

**8:05 a.m. to 9:45 a.m.**

**SESSION A**

**8:05 a.m.**

**Python Programming as a Coastal Management Tool**  
John Bishop, Ph.D. and Andrew Squires, Pinellas County  
Natural Resources, Clearwater, FL and Ping Wang, Ph.D.,  
Coastal Research Laboratory, Department of Geology,  
University of South Florida, Tampa, FL

**8:30 a.m.**

**The Role of Wind in Longshore Transport**  
Carolina Burnette and William Dally, Ph.D., P.E., University of  
North Florida, Jacksonville, FL

**8:55 a.m.**

**Design Approach – Coupling Delft3D, SBEACH, and XBEACH,**  
**Gulf State Park, Alabama**  
David Swigler, P.E., Gordon Thomson, P.E., and Morjana  
Signorin, CB&I Coastal Planning & Engineering, Inc., Boca  
Raton, FL and Jay Morgan, Thompson Engineering, Inc.,  
Mobile, AL

**9:20 a.m.**

**FILSIM Model for Probabilistic Performance of Beach**  
**Nourishment Projects**  
David Kriebel, Ph.D., P.E., Coastal Analytics LLC,  
Millersville, MD

**9:45 a.m.**

**Professional Exchange Break**

**SESSION B**

**8:05 a.m.**

**Implementation of Charlotte County's Long-Term Beach and**  
**Inlet Management Plan**  
Vadim Alymov, Ph.D. and Michael Poff, P.E., Coastal  
Engineering Consultants, Inc., Naples, FL and Chuck Mopps,  
Charlotte County Community Development, Punta Gorda, FL

**8:30 a.m.**

**Evolution of Barrier Island Sand Spits and effects on Beach**  
**Management Practices in Southwest and Central Florida,**  
**USA**  
Mohamed Dabees, Ph.D., P.E. and Brett Moore, P.E.,  
Humiston & Moore Engineers, Naples, FL

**8:55 a.m.**

**Evolution of the Pensacola Beach, FL, Beach Restoration**  
**Project after Ivan and Katrina**  
Albert Browder, Ph.D., P.E. and Krista Henrie, Olsen  
Associates, Inc., Jacksonville, FL

**9:20 a.m.**

**Jupiter Carlin Nourishment – A Case of Adaptive**  
**Management, Cooperation, and Innovative Applications**  
Michael Stahl and Kelly Martin, Palm Beach County  
Department of Environmental Resources Management,  
West Palm Beach, FL

**9:45 a.m.**

**Professional Exchange Break**

**Thursday, February 4, 2016**

**CONCURRENT SESSIONS**

**10:15 a.m. to 12 noon**

**SESSION C**

**10:15 a.m.**

**An Update on the Bureau of Ocean Energy Management, Marine Minerals Program Studies**  
Douglas Piatkowski and Jennifer Culbertson, Ph.D., Bureau of Ocean Energy Management Headquarters, Department of the Interior, Sterling, VA

**10:40 a.m.**

**Evaluation of Canaveral Shoals Borrow Area Rugosity**  
Paul Knorr, Ph.D., Bureau of Ocean Energy Management Headquarters, Department of the Interior, Sterling, VA

**11:05 a.m.**

**Federal Sand Resources**  
Jeff Reidenauer, Ph.D. and Lora Turner, Bureau of Ocean Energy Management Headquarters, Department of the Interior, Sterling, VA

**11:30 a.m.**

**Florida Upland Sand Resources for Beach Renourishments**  
Tara Brenner, P.G., CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL

**12:00 p.m.**

**Luncheon**

**SESSION D**

**10:15 a.m.**

**Engineered Shoreline Protection – Case Study from the Jersey Shore Material Selection Process, Sustainability, and Impacts from Sandy**

Arthur Chew, P.E., Arthur Chew Consulting, Linwood, NJ and  
Cris Timpson, TenCate Geosynthetics, Commerce, GA

**10:40 a.m.**

**Dredging, Communities, Compliance and Transparency: Lessons Learned and New Approaches**  
Brett Kettle, Ph.D., Queensland, Australia

**11:05 a.m.**

**Four Structurally Stabilized Resort & Public Beaches in the Caribbean**

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

**11:30 a.m.**

**Breakwater Modification and Beach Nourishment at Jaboatão Dos Guararapes, PE, Brazil**

Lindino Benedet, CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL and Rodrigo Barletta, CB&I Coastal Planning & Engineering, Inc., Brasil

**12:00 p.m.**

**Luncheon**



**Jacksonville Beach**  
Photo courtesy of David Hall

**Thursday, February 4, 2016**

**CONCURRENT SESSIONS**

**1:30 p.m. to 3:10 p.m.**

**SESSION E**

**1:30 p.m.**

**The Economic Impact of the Beaches of Palm Beach County, Florida**

William Stronge, Ph.D., Economics Department, Nova Southeastern University, Boca Raton, FL

**1:55 p.m.**

**Adapting to Sea Level Rise to the Year 2100 and Beyond in the State of Florida, USA**

Randall Parkinson, Ph.D, P.G., Division of Coastal Zone and Watershed Management, Environmental Remediation & Recovery, Melbourne, FL, and Peter Harlem and John Meeder, Florida International University, Miami, FL

**2:20 p.m.**

**Development of a Hydrodynamics-Based Index for Coastal Storm Severity**

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

**2:45 p.m.**

**South Florida Storm Surge Modeling Project: Model Development and Capturing of Coastal Features**

Christopher Bender, Ph.D., P.E. and William Miller, Ph.D., P.E., Taylor Engineering, Inc., Jacksonville, FL and Ashley Kauppila, P.E., Taylor Engineering, Inc., West Palm Beach, FL

**3:10 p.m.**

**Professional Exchange Break**

**SESSION F**

**1:30 p.m.**

**The Florida Beaches Habitat Conservation Plan, The Planning Process: Where we are and Where we are Heading**

Jennifer McGee, Ph.D. and Thomas Ostertag, Florida Fish and Wildlife Conservation Commission, Tallahassee, FL

**1:55 p.m.**

**Egmont Key, FL and Galveston, TX Entrance Channel Beneficial Use of High Silt Content Maintenance Dredging Material**

Coraggio Maglio, P.E., Jase Ousley, P.G., Katherine Brutsché, Ph.D., Coastal Hydraulics Laboratory, U.S. Army Engineer Research and Development Center, Vicksburg, MS, Brandon Smolinsky, U.S. Army Corps of Engineers, Galveston District, TX, and Aubree Hershoin, Ph.D. and Millan Mora, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL

**2:20 p.m.**

**Applying Coastal Engineering Tools to Habitat Restoration Projects in Manatee County**

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

**2:45 p.m.**

**Mississippi River Long Distance Sediment Pipeline (BA-43 EB) and Bayou Dupont Marsh and Ridge Creation (BA-48) Projects**

Kodi Guillory, P.E., Coastal Protection and Restoration Authority of Louisiana, Baton Rouge, LA and Nick Cox, Moffatt & Nichol, Baton Rouge, LA

**3:10 p.m.**

**Professional Exchange Break**

**Thursday, February 4, 2016**

**CONCURRENT SESSIONS**

**3:40 p.m. to 5:00 p.m.**

**SESSION G**

**3:40 p.m.**  
**Translocation of Staghorn Coral (*Acropora Cervicornis*) Across Regions of the Florida Reef Tract: Investigating Species Recovery and Restoration**  
**Cody Bliss and Stacy Buck, CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL**

**4:05 p.m.**  
**St. Lucie County Mitigation Reef – Lessons Learned**  
**Andrew Condon, Ph.D. and Michael Walther, P.E., Coastal Tech-G.E.C., Inc., Vero Beach, FL and Richard Bouchard, P.E., St. Lucie County Erosion District, Ft. Pierce, FL**

**4:30 p.m.**  
**Anna Maria Island Mitigative Artificial Reefs – An Evaluation of Reef Material and Age**  
**Lauren Floyd and Katy Brown, CB&I Coastal Planning & Engineering, Inc., Boca Raton, FL**

**5:00 p.m.**  
**Adjourn**

**SESSION H**

**3:40 p.m.**  
**Regional Sediment Management Center of Expertise: Making RSM Standard Operating Procedure throughout the USACE**  
**Jason Engle, P.E., U.S. Army Corps of Engineers, Jacksonville District, FL**

**4:05 p.m.**  
**Probabilistic Alternatives Analysis of Regional Sediment Management Practices**  
**Michael Krecic, P.E., INTERA Incorporated, Gainesville, FL**

**4:30 p.m.**  
**St. Lucie Nearshore Sand Shoal Complex: Regional Sediment Resource or Submerged Storm Breakwater**  
**Leaf Erickson and Gary Zarillo, Ph.D., P.G., Department of Marine and Environmental Systems, Florida Institute of Technology, Melbourne, FL**

**5:00 p.m.**  
**Adjourn**



**Jacksonville Beach**  
**Photo courtesy of David Hall**

**Friday, February 5, 2016**

**CLOSING GENERAL SESSION**

**8:00 a.m. to 12:20 p.m.**

**8:00 a.m.**

**Addressing Turbidity Compliance Issues Associated with Coastal Navigation Projects with Beach and Nearshore Placement**

Sirisha Rayaprolu, U.S. Army Corps of Engineers, Jacksonville District, FL, and Larry Parson and Elizabeth Godsey, U.S. Army Corps of Engineers, Mobile District, AL

**8:25 a.m.**

**Biological Monitoring – The Permittee’s Perspective**

Nicole Sharp, P.E. and Kenneth Banks, Ph.D., P.E., Broward County, FL

**8:50 a.m.**

**Hardbottom Monitoring: Offering Solutions to Existing-Expensive Protocols**

Eric Summa and Clay McCoy, Ph.D., U.S. Army Corps of Engineers, Jacksonville District, FL

**9:15 a.m.**

**Joint Coastal Permitting Updates and Efficiencies**

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

**9:40 a.m.**

**Panel and Audience Discussion**

**10:00 a.m.**

**Professional Exchange Break**

**10:30 a.m.**

**Erosional Impacts of Modified Inlets on the East Coast of Florida**

James Houston, Ph.D., U.S. Army Engineer Research and Development Center, Vicksburg, MS and Robert Dean, Ph.D., P.E., Department of Civil and Coastal Engineering, University of Florida, Gainesville, FL (deceased)

**10:55 a.m.**

**Terminal Groin Justification and Construction**

Erik Olsen, P.E., Olsen Associates, Inc., Jacksonville, FL

**11:20 a.m.**

**Engineering Advancement of Turtle Exclusion Device**

John Henriksen, Ph.D., P.E. and Ryan Munger, Manson Construction Company, Jacksonville, FL

**11:55 a.m.**

**Sand Budget Dynamics, Sebastian Inlet, Florida**

Gary Zarillo, Ph.D., P.G., Department of Marine & Environmental Systems, Florida Institute of Technology, Melbourne, FL

**12:20 p.m.**

**Conference Adjourns**

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

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## USACE Jacksonville District Welcomes Colonel Jason A. Kirk Commander



**US Army Corps  
of Engineers®**

Colonel Jason A. Kirk is the Commander and District Engineer of the U.S. Army Corps of Engineers, Jacksonville District. Colonel Kirk assumed command on July 17, 2015.

Colonel Jason A. Kirk is blessed to call two unique locations “home”—first the small northern Illinois town of Genoa and later the city of Shreveport, Louisiana.

Kirk joins the Jacksonville District after graduating with a Master of Strategic Studies degree from the U.S. Army War College in Carlisle Barracks, Pennsylvania. Before attending the War College, Kirk served for three years at the Army’s National Training Center in California’s Mojave Desert, as Deputy Commander of Operations Group and earlier as the Senior Maneuver Support/Engineer Observer Coach/Trainer. In both positions he trained Army units for service in Afghanistan and for broader global contingency missions. From 2009-2011, Kirk commanded the Charleston District, U.S. Army Corps of Engineers, leading the district in executing a broad program that included civil works, military construction for Fort Jackson and Joint Base Charleston, and support to interagency customers such as Department of Energy and Department of State. Before commanding the Charleston District, Kirk served in Army engineer leadership and staff positions with three mechanized brigade combat teams (BCTs): as a field grade officer with 2nd BCT, 1st Armored Division, then based in Germany, which included service in Operation Iraqi Freedom (OIF) 2005-06 as the 40th Engineer Battalion’s Operations Officer and Executive Officer (XO) and as the BCT XO in OIF 2008-09; as a captain with 299th Engineer Battalion, 1st BCT, 4th Infantry Division at Fort Hood, Texas, conducting “digitized division/ForceXXI” experiments; and as a lieutenant with 11th Engineer Battalion, 1st BCT, 24th Infantry Division at Fort Stewart, Georgia., as part of the XVIII Airborne Corps’ ready force. Kirk also served with the U.S. Army Corps of Engineers New Orleans District, working as both a construction division project engineer and as a planning project manager for the Louisiana Coastal Area Restoration Plan, which was presented to Congress in 2004.

Kirk is a 1993 graduate of the U. S. Military Academy at West Point, where he earned a Bachelor of Science degree in environmental engineering. He earned a Master of Science degree from the University of Missouri-Rolla and a Master of Engineering degree from the University of Florida. He is a registered Professional Engineer in Missouri. His military schooling includes the Army War College (distinguished graduate), Army Command and General Staff College, the Engineer Officer Advanced and Basic Courses (distinguished graduate from both), and the Army’s Sapper and Airborne Schools.

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Kirk's military awards include the Legion of Merit, Bronze Star Medal with one oak leaf cluster, Meritorious Service Medal with two oak leaf clusters, Army Commendation Medal, Joint Service Achievement Medal, Army Achievement Medal with five oak leaf clusters, and Iraqi Campaign Medal with three bronze stars. He is also the recipient of the Army Engineer Association's Bronze Order of the de Fleury Medal and the Society of American Military Engineers Regional Vice President's Medal.



Col. Jason Kirk, Jacksonville District commander, Tim Murphy, deputy for programs and project management, and Pedro Ramos, superintendent for Everglades National Park, discuss restoration of America's Everglades.



Col. Jason Kirk, Jacksonville District Commander and Chen Lei, Minister of Water Resources for the People's Republic of China, discussed water resource challenges in China and the United States

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## FDEP Division of Water Resource Management Agency Updates

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### Revised Joint Coastal Permitting Application Processing Rule in Effect!

November 19, 2015 was the effective date for Rule Chapter 62B-49, Florida Administrative Code (F.A.C.). The revised rule chapter, electronic application submittal form, professional sketch guidance and checklist, commencement of construction form and permit transfer form are located at <http://www.dep.state.fl.us/beaches/publications/pdf/JCP-ProcessingDocument.pdf>. There is also a link to detailed instructions for completing the electronic application form.

The rule chapter revisions provide for electronic submittals of permit applications and other information, as authorized by Section 20.255(8), Florida Statutes (F.S.). Electronic submissions are strongly encouraged as it saves staff resources, provides near instant posting in Oculus, DEP's Electronic Document Management System, and is completely transparent. Most applications are already received this way, and it is hoped that all will find the system efficient and seamless.

Revisions were also made to implement changes to Chapter 161, F.S., brought about by Chapter 2012-65, Laws of Florida. A new rule section (62B-49.0055) was added to provide a process and criteria for applying for and receiving expedited review of applications for beach nourishment and inlet management maintenance projects that have performed according to design expectations and have not resulted in a Department compliance and enforcement action.

Rule 62B-49.011, F.A.C., was revised to incorporate the statutory change providing for 15 year permits. Most joint coastal permits now allow for two maintenance or dredging disposal events or a permit life of 15 years, whichever is greater, unless a shorter duration is requested by the permit applicant. Existing joint coastal permits issued for less than 15 years may be extended by minor modification to a maximum of 15 years upon request. Please look at your permits and see if you might be eligible for an extension. No extensions can be issued if the permit has expired! There are a number of other organizational and title changes in an attempt to make the rule as efficient as possible. You can view the strikethrough/underline version at <http://www.dep.state.fl.us/beaches/rule-dev.htm>.

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## Saying Goodbye and Hello!



Larry Teich, Records Manager for Beaches for over 20 years has retired to the big Contra Dance circuit. A “Just Wear Sandals” party was held Friday the 13<sup>th</sup> of November, and Larry wore his finest! The new Records Manager is Ian Binns, at 850-245-8580.

The Southwest area also lost Engineering Specialist Steve West, the Coastal Construction Control Line field engineer who was with the Department for over 30 years. The Southwest District Office has assigned field inspector duties to Charles Grisafi (who previously worked in JCP) for Pinellas and Manatee County, and the South District Office has assigned Kelly Cramer to Sarasota County.

The next retirement will be Subarna Malakar, who says he got into coastal engineering as the result of a summer job at University of Florida in 1972. He dropped mathematics and studied under Dr. Dean. and has worked in coastal engineering ever since. His last day in the office will be December 17, 2015.

Engineering may be losing an experienced engineering hand, but they are welcoming back Jennifer Koch Steele, Coastal Geologist! Her husband’s tour of duty is almost up, and they wanted to move back south. We are fortunate to have her resuming geologist duties as of the first of December.

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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 3-5, 2016**

**2016 Tech Conference**

**Omni Jacksonville, Florida**

**September 14-16, 2016**

**2016 FSBPA Annual Conference**

**Naples Grande, Naples, Florida**

**29th Annual National Conference on Beach Preservation Technology**

**February 3-5, 2016  
Omni Hotel Jacksonville**

**Conference Registration**  
Early Registration ends January 12, 2016

**Hotel Information**  
Reservation deadline January 12, 2016

**Sponsorships, Exhibits and Ad Information**

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

**OTHER DATES OF INTEREST**

**January 12-March 11, 2016**

**2016 Legislative Session**

**January 29-31, 2016**

**19th Annual Florida Marine Turtle Permit Holder Meeting**

**Hyatt Regency Jacksonville Riverfront**

**Jacksonville, Florida**

**February 23-25, 2016**

**ASBPA Coastal Summit**

**Washington, DC**

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