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news from the Florida Shore and Beach Preservation Association

September 2014

Annual Conference

September 24-26, 2014 | Hyatt Regency Coconut Point



Reminders and Updates

- We encourage you to register **online** prior to the conference. For those who cannot pre-register, the registration desk will open at 10:00 a.m., Wednesday, September 24.
- The hotel extended the guaranteed group rate of \$149 on an “as available” basis. If you have not already done so, make your reservation today, [click here](#).
- The current program is available in this issue and includes changes thru the end of August. We will continue to publish the program online until the final programs are printed for conference distribution.
- Don't forget that there is a field trip planned for Thursday, September 25, at 2 p.m. which will provide a unique perspective of Lee County's barrier islands. [Click here for complete details and to sign up.](#)
- For your evening outings while at the conference, be sure to take a look at the dining guide later in this issue of SHORELINE.

We hope to see you in Bonita Springs!

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**2015 Tech Conference
Call for Papers**
Deadline: 10-3-14

IN RECOGNITION OF FSBPA'S 2014 AWARD WINNERS

We sincerely hope you are planning to attend FSBPA's 58th Annual Conference, September 24-26, 2014, at the Hyatt Regency Coconut Point in Bonita Springs, Florida. (www.fsbpa.com/annual.htm)

The annual awards banquet will be held Thursday, September 25 at 6:30 pm, and will recognize an outstanding group of individuals as recipients of five separate awards. Please plan to join us as we pay tribute to our celebrated stars of 2014. We have planned what we hope will be an enjoyable evening, made even better by our generous banquet sponsors – Lee County Visitor and Convention Bureau, CB&I Coastal Planning & Engineering, Inc., Coastal Engineering Consultants, Inc., Coastal Tech, and Gahagan & Bryant. A special thanks to our Award Plaque Sponsor, Humiston & Moore Engineers.

Steve Boutelle, Stan Tait Award

The Association's highest award is the Stan Tait Award for "truly outstanding contributions" to Florida's beaches over a number of years. It is a rare occurrence for an individual to be nominated by two different people for the same award. However, this is the case for Steve Boutelle, Operations Manager for Lee County Natural Resources, nominated by both Tamara Pigott, Lee County Visitor and Convention Bureau and Virginia Barker, Brevard County. In reviewing Steve's track record of service to both Lee County and FSBPA, it is easy to see why.



For the last 25 years, Steve has been dedicated to the preservation of Florida's beaches and coastal resources. Steve has provided oversight for multiple nourishment projects on Gasparilla Island, Estero Island, Lovers Key and Bonita Beach, approaching each project with sound science and great diplomacy. He has served on the Board of FSBPA in one capacity or another almost continuously since 2004 and is the Association's current Chair. Additionally, he served as Chair of the State of Florida Beach Management Working Group in 2008-2009 and served on the Adaptation Technical Working Group of the Governor's Action Team on Energy and Climate Change in 2008. He is also the Southwest Region Member

of the Florida Marine Mammal Stranding Network and serves on the Manatee Regulatory Working Group, USFWS Manatee Recovery Team. Steve's commitment to the statewide beach program and the preservation of Lee County beaches demonstrates that he is most worthy of this exceptional award.

Dr. James Houston, Bob Dean Coastal Research Award

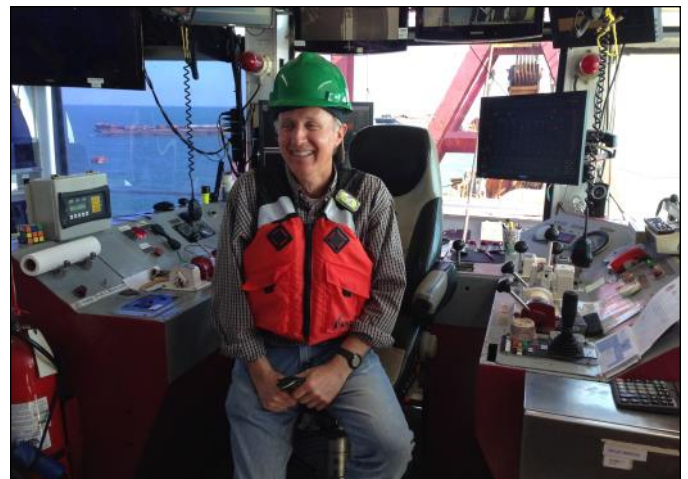


Dr. James Houston is the honored 2014 recipient of the Bob Dean Coastal Research Award, named after the University of Florida's Professor Emeritus and FSBPA's Chair Emeritus. This award is presented to an individual for outstanding research into beach and coastal processes. Dr. Houston retired from the USACE following a career of over 38 years, leaving behind a legacy of unprecedented accomplishments, having managed a most diverse research organization – several laboratories located in four states, with more than 2,000 employees, \$1.2 billion in facilities, and an annual program exceeding \$1.5 billion. He advised the Commanding General of the Corps on matters of science and technology and developed research and development policy for the Corps.

Dr. Houston was nominated for this award by Jackie Keiser, USACE, a former colleague and also a former Stan Tait Award recipient. Dr. Dean himself supported the nomination, saying that "He has elevated the economic value of beaches to the Nation and local governments through his meticulous documentation of the publications of professional economists and detailed examination and dissemination of the benefits of beach nourishment." Dr. Houston was elected to the FSBPA Board for his first concurrent term at the 2012 Annual Conference. He consistently responds to the needs of FSBPA through presentations, research, publications, and generously provides the Association wise counsel and guidance.

Charlie Hunsicker, Local Government Award

FSBPA is pleased to recognize Charlie Hunsicker, Natural Resources Director, Manatee County, for the Local Government Award. Over his 30 years as Director of Manatee County's Parks and Natural Resources Department, Charlie has exemplified the type of leader that Florida's coastal governments need – he is passionate and driven in every aspect of his daily life to fight to protect, restore and enhance Manatee County's beaches. He has served on the FSBPA Board since



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2008 and is currently serving on the Executive Committee as Past-Chair. His tireless efforts and seemingly boundless energy have provided Manatee County with an unsurpassed level of service. Combining federal and local-sponsored beach projects has not only saved millions of dollars, but it has also minimized impacts to the coastal environment and to Anna Maria Island's valuable tourism industry. Charlie understands that working with the municipalities on Anna Maria Island leading up to and throughout the construction of projects is crucial for awareness and addressing the concerns of the community.

Keith Laakkonen, Environmental Award



This year's Environmental Award recipient is Keith Laakkonen, Environmental Sciences Coordinator for the Town of Fort Myers Beach, where Keith has made numerous contributions to beach preservation and enhancement. Keith led the development of a partnership program for the management and conservation of beach nesting birds with the Town of Fort Myers Beach, Audubon of Florida, DEP, FWC, and several private property owners. Keith also developed an innovative beach vegetation management plan with DEP, which is

the first of its kind in Florida. This plan allowed private property owners who signed easements for the Estero Island Beach Restoration Project to manage dune vegetation on their property under specifications which increase the functionality of the overall dune system on Fort Myers Beach. This has resulted in over half a mile of new dune establishment.

Representative George Moraitis, 2014 Legislator of the Year Award

We will honor Representative George Moraitis, District 93, Florida House of Representatives, as the recipient of FSBPA's 2014 Legislator of the Year Award. This award goes to a deserving and committed state or national lawmaker for significant contributions and outstanding leadership in support of the management of Florida's beaches. George was born and raised in Fort Lauderdale and is a graduate of Fort Lauderdale High, the United States Naval Academy, and the University of Florida's College of Law. A real estate attorney by trade, George was first elected as a State Representative in November 2010. Since that time, he has been a tireless advocate for the beaches of Broward County and for the statewide beach program, working hard to learn the issues associated with beach



management, pressing for increased funding for the statewide program, and urging consideration of the economic benefit of projects and storm damage response in the appropriations process. He is a persistent and effective advocate and FSBPA is pleased to have the opportunity to work with legislators such as Representative Moraitis who show this kind of passion for Florida's beaches.

Hope you plan on attending Thursday evening's awards banquet to personally express your appreciation for the accomplishments of our exceptional 2014 Award Winners.

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TAKING THE OPPORTUNITY TO SAY THANK YOU

It is indeed a good time to come together to further our mutual goals on behalf of Florida's beaches at FSBPA's 58th Annual Conference, September 24-26, in Bonita Springs. It becomes increasingly important to the Association to know we can rely on our membership both professionally and financially as we expand our role as a recognized educational resource and advocate for effective beach management in Florida. We are expressly appreciative of our upcoming conference sponsors and exhibitors that add considerably to everyone's enjoyment and the Association's bottom line.

The Board of Directors and Staff want to say thank you!

SPONSORS

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Sand Transfer Systems
Sea Diversified, Inc.
SurvTech Solutions, Inc.
Trap Bag

RESTAURANT GUIDE

Dining in Bonita Springs and Estero

- Tanglewood Restaurant** **Hyatt** **ext. 4290**
Newly renovated AAA 4-diamond rated restaurant serving salads, pizza, seafood, steaks and much more. Breakfast, lunch and dinner are just an elevator ride from your room. – Moderate priced
- Tarpon Bay Restaurant** **Hyatt** **ext. 4295**
Recently rated 4 stars for food and service, Tarpon Bay is known for” über fresh seafood “and exquisite service in a casual and comfortable atmosphere. Dinner nightly with live jazz Friday and Saturday. Located across the Banyan Courtyard.
- A Table Apart - 1 mile** **Bonita Springs** **239-221-8540**
*World cuisine with mostly French and Asian dishes; French fusion.
 US 41 South to Bonita Beach Rd.; turn right, go about 1 mile; on left.*
- Angelina Ristorante - 1 mile** **Bonita Springs** **239-390-3187**
*Fine dining Italian cuisine prepared from the freshest ingredients; extensive wine selections.
 On S. Tamiami Trail, ½ mile south of Coconut Rd., across from the landmark ship.*
- Blue Water Bistro - 1 mile** **Estero** **239-949-2583**
*Modern, casual seafood in a lively environment; fine steaks and specialty drinks.
 In the Coconut Point Mall, 2 miles from hotel-use second right turn from US 41. – Moderate priced*
- Chops City Grill - 1 mile** **Bonita Springs** **239-992-4677**
*Steak and seafood with a Pan-Asian influence. Casual, sophisticated grill.
 Take Coconut Road straight, cross US 41 and make the first. right turn*
- Figs Grille** **Bonita Springs** **239-390-1700**
*Elegant sophisticated not stuffy. Mediterranean/Continental Moroccan, Turkish, French, Spanish
 US 41 South to about ¼ mile past the bridge at Spring Creek (across Bonita Bay North end); in plaza on the left*
- La Fontanella Ristorante - 2 miles** **Bonita Springs** **239-498-6808**
*Gourmet Italian cuisine. Tuscany style .Wine and beer.
 US 41 south 1 mile to the Shoppes at Pelican Landing on right side.*
- Manhattan Steakhouse** **Bonita Springs** **239-676-8687**
*Dry-aged steaks, New York-style, signature porterhouse for two
 US 41 south 1 mile to Shoppes at Pelican Landing turn right, then left onto Burnt Pine Rd.-at the end on the left*
- Molino’s - 5 miles** **Bonita Springs** **239-992-7025**
*Gourmet Italian cuisine, indoor, outdoor dining and Wine Room. Open daily from noon to 10pm.
 US41 south 3 miles to the Promenade Shops, turn right on South Bay Drive.*
- Sambucco - 8 miles** **Bonita Springs** **239-390-9927**
*Casual Italian bistro; branch of famed Italian chain. Large full bar; excellent wine list.
 Make a right onto U.S. 41 about 7 miles. Turn left side of U.S. 41 in the Tamiami Square Plaza.*
- Roy’s - 5 miles** **Bonita Springs** **239-498-7697**
*Hawaiian-fusion cuisine. Casual, sophisticated dining. Excellent wine list.
 US 41 south 3 miles to the Promenade Shops, turn right on South Bay Drive.*
- Ruth’s Chris - 1 mile** **Estero** **239-948-8888**
*Internationally renowned steakhouse in elegant surroundings; Dinner only.
 In the Coconut Point Mall, 2 miles from the hotel.*

58th FSBPA Annual Conference Program

Hyatt Regency Coconut Point * September 24-26, 2014

Wednesday, September 24, 2014

1:00 p.m.

Chair's Call to Order

1:05 p.m.

Official Welcome and Opening Remarks

Brian Hamman, Vice-Chair, Lee County Board of County Commissioners

1:15 p.m.

Keynote Presentation: Lee County Beach Management – Program, Projects, Partners and Perseverance

Steve Boutelle, FSBPA Chair and Operations Manager, Lee County Division of Natural Resources

1:45 p.m.

Lee County Tourism and the Value of Beaches

Tamara Pigott, FSBPA Director and Executive Director, Lee County Visitor & Convention Bureau

2:10 p.m.

Environmental Windows: Why We Can't, Why Can't We, and a List of Maybes

Danielle Irwin, PWS, LEED AP, Deputy Director, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee and Bill Hanson, Vice-President, Great Lakes Dredge & Dock Company, Oakbrook, IL

2:35 p.m.

Can Beach Nourishment be an Adaptation Strategy for Sea Level Rise?

James Houston, Ph.D., P.E., Director Emeritus, U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS

3:00 p.m.

Exhibitor Recognition, Erin Hodel, Marine Biologist, CSA Ocean Sciences, Inc., Stuart

3:05 p.m.

Professional Exchange Break, sponsored by Taylor Engineering, Inc.

3:35 p.m.

A Dialogue to Ensure more Emphasis and Appreciation for Beach Nourishment as a Recognized Adaptation Strategy for Sea Level Rise

James Murley, Executive Director, South Florida Regional Planning Council, Hollywood * Jack Osterholt, Deputy-Mayor, Regulatory and Economic Resources, Miami-Dade County * Gary Appelson, Policy Coordinator, Sea Turtle Conservancy, Gainesville * James Houston, Ph.D., P.E., Director Emeritus, U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS * Jason Engle, P.E., Chief, Coastal Design Section, U.S. Army Corps of Engineers, Jacksonville District

4:40 p.m.

Addressing the Effectiveness of Beach Nourishment in Response to Sea Level Rise

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

5:05 p.m. to Adjournment

Sea Level Rise Q&A

6:30 p.m. to 7:30 p.m.

Welcome Reception, co-sponsored by Tensar International and Hyatt Regency Coconut Point

Thursday, September 25, 2014

7:30 a.m.

Professional Exchange Break, sponsored by Weeks Marine

8:00 a.m.

Lovers Key or Bonita Beach: The Rest of the Lee County Story

Cliff Truitt, Ph.D., P.E., D.CE, Senior Engineer, Coastal Tech, Sarasota and Michael Poff, P.E., Vice-President of Engineering, Coastal Engineering Consultants, Naples

8:25 a.m.

Selected Provisions of the Water Resources and Reform Development Act of 2014

Harry Glenn, Vice-President, Van Scoyoc Associates, Washington, DC and Jacqueline Keiser, Chief, Coastal/Navigation Section, U.S. Army Corps of Engineers, Jacksonville District

8:50 a.m.

Federal Shore-Protection Program: The U.S. Army Corps of Engineers 2013 Storm Damage Response, and Ongoing 2014 Program and Funding Opportunities

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

9:20 a.m.

Amendment 1: Florida's Water and Land "Legacy" Amendment

Eric Draper, Executive Director, Audubon Florida, Tallahassee

Thursday, September 25, 2014

9:45 a.m.

Cooperatively Managing a 46 mile, \$14 million Annual Program with Federal, State, County and Municipal Funding

Leanne Welch, Environmental Manager, Palm Beach County Environmental Resources Management

10:10 a.m.

Professional Exchange Break, sponsored by Coastal Systems International

10:40 a.m.

The Magic Number for Funding the Statewide Beach Management Program Going Forward

Debbie Flack, President, FSBPA, Tallahassee and William Stronge, Ph.D., Chair Emeritus, Department of Economics, Florida Atlantic University and Stronge Consulting, Inc., Boca Raton

11:05 a.m.

Florida's Federal Shore Protection Program: Comprehensive Overview, Funding Trends, and Future Projections

Jacqueline Keiser, Chief, Coastal/Navigation Section, U.S. Army Corps of Engineers, Jacksonville District

11:30 a.m.

Celebrating Florida's Beach Management Efforts and Visioning Future State Funding Needs

Tom Campbell, P.E., President, CB&I Coastal Planning & Engineering, Inc., Boca Raton

11:55 a.m.

Anticipating the Afternoon's Field Trip: Where's the Beach? Big Hickory Island's 2013 Restoration Project

Nicole Elko, Ph.D., President, Elko Coastal Consulting, Inc., Wadmalaw Island, SC

12:10 p.m.

Adjourn

12:15 pm

FSBPA Annual General Membership Meeting

2:00 p.m.

Field Trip, by reservation only

6:00 p.m.

Cash Bar

6:30 p.m.

Annual Awards Banquet

Gold Sponsor - Lee County Visitor and Convention Bureau

Silver Sponsors - CB&I, Coastal Planning & Engineering, Inc. Coastal Engineers Consultants, Inc., Coastal Tech, and Gahagan & Bryant

Award Plaque Sponsor - Humiston & Moore Engineers

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Friday, September 26, 2014

7:30 a.m. – 8:15 a.m.

Professional Exchange Breakfast Break, sponsored by Great Lakes Dredge & Dock Company

8:15 a.m.

Breakwaters for Erosion Control and Environmental Benefits

Kenneth Humiston, P.E., Co-Founder, Humiston & Moore Engineers, Naples

8:40 a.m.

Challenges and Intergovernmental Success of the 2013/14 Beach Nourishment Projects on Anna Maria Island

Charlie Hunsicker, Director, Manatee County Parks and Natural Resources Department and Thomas Pierro, P.E., D.CE, Director, CB&I Coastal Planning & Engineering, Inc., Boca Raton

9:05 a.m.

Beach Nourishment and Nearshore Hardbottom

Danielle Irwin, PWS, LEED AP, Deputy Director, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee

9:30 a.m.

Research and Development: What We Can Do when We All Work Together

Bill Hanson, Vice-President, Great Lakes Dredge & Dock Company, Oakbrook, IL

9:55 a.m.

Professional Exchange Break, sponsored by Weeks Marine

10:25 a.m.

Physical Monitoring of Beach Erosion Control Projects: Reevaluation of Purpose and Specific Information Needs

Robert Brantly, P.E., Program Administrator, Engineering, Hydrology & Geology Program and Alex Reed, Program Administrator, Beaches and Mines Funding Assistance Program, Division of Water Resource Management, Florida Department of Environmental Protection, Tallahassee

10:50 a.m.

GIS Mapping of Beach Eligibility for State of Florida Local Government Funding Requests

John Bishop, Ph.D., Coastal Management Coordinator, Pinellas County Natural Resources

Friday, September 26, 2014

11:15 a.m.

Adaptive Management and Policy Solutions for Two Contentious Issues on Fort Myers Beach: Beach Nourishment and Nesting Birds

Keith Laakkonen, Environmental Sciences Coordinator, Town of Fort Myers Beach

11:35 a.m.

Unprecedented Cooperation on the Broward County Federal Emergency Beach Fill Truck Haul Project

Cynthia Perez, Senior Project Manager, U.S. Army Corps of Engineers, Jacksonville District

12 noon

Conference Adjourns

***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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Bonita Beach and Lovers Key Nourishment 2014

Cliff Truitt, Coastal Tech and Michael Poff, Coastal Engineering Consultants



Lee County successfully constructed initial beach restoration projects on both Bonita Beach and, in partnership with the Florida Park Service, on Lovers Key State Park in the 1990s. The first maintenance renourishment of Bonita Beach took place in 2004; shortly after, maintenance fill was also placed along critically eroded shoreline sections on Lovers Key. In 2012, Coastal Tech was selected by Lee County to provide the full range of professional services necessary to construct the second maintenance of both Project segments. The County desired to maintain both

Project fill

segments generally as previously designed and constructed. However, work began with a full review of previous FDEP-required monitoring and Project performance, and included recommendations for design enhancement. Because the two Project segments have different owners/sponsors, they also have different cost sharing formulations, and part of the Project Management service was to separate and track fees for each area to the extent practicable.



Sand for the 2004 maintenance was excavated by a hydraulic cutterhead dredge from the Big Carlos Pass ebb shoal. Because this shoal was a near-by compatible and economical source for the beach fill, the new sand search focused on using additional portions of the ebb shoal deposit for the current Project. Through sub-consultants American Vibracore Services and FAS, Coastal Tech completed a full field investigation including obtaining seismic data, vibracores and performing a cultural resources assessment. Data and core samples were reviewed and analyzed, and proposed borrow area limits and cuts were designed.

A major FDEP concern during permit application review was the potential effect additional ebb shoal dredging might have on sections of adjacent shorelines. Coastal Tech performed a multi-track evaluation to address that issue using a combination of numerical modeling and past monitoring results. In 2013 Coastal Tech completed the Project Area fill design, obtained FDEP and USACE permits for the Project and prepared Construction Documents for subsequent bidding by the County. The total timeline for all permitting was less

than 17 months. Although FDEP did *not* expedite project review using proposed Rule FAC 62B-49, it was one of the first nourishment permits issued for 15 years or two nourishment events.

Because of contract limitations, Lee County issued a new solicitation for Construction Phase Services which was awarded to Coastal Engineering Consultants (CEC). CEC brings to the effort many years of successful construction phase work and a history of monitoring and other surveys in Lee County. The proximity of CEC staff to the projects and an intentioned flexible approach allows CEC to work in parallel with County staff and 'round out' resident engineer presence. CEC sought out and engaged Coastal Tech's Engineer of Record as a sub-consultant to assist during construction with interpretation of technical specifications and provide continuity for final regulatory certifications.



The 2014 Project includes placement of approximately 133,000 cubic yards (cy) and 328,000 cy on Bonita Beach and Lovers Key, respectively. The Engineer's Opinion of Probable Construction Cost was \$4.7 million. Lee County bid out the Project in spring 2014 and received four bids. The bids ranged from \$4.7 million to \$9.0 million with an average of \$6.4 million. Orion Marine Construction of Tampa Florida was the successful bidder. Orion began mobilizing to the

Project area in June and are currently underway with the Bonita Beach segment. They are using their 16" hydraulic cutter suction dredge, Jeri B, along with two boosters and attendant plant and equipment. Up to 22,000 linear feet of pipe will be utilized to construct the Project utilizing the two designated borrow areas within the Big Carlos Pass ebb shoal complex. The material



placed to date is consistent with the borrow area characterization and has been well received by residents and agencies. Based on current production rates substantial completion of both segments is expected by this November.

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Civil Works Review Board Approval for Flagler County – August 2014

By Marty Smithson

The Civil Works Review Board (CWRB) meeting for the Flagler County, Florida, Hurricane and Storm Damage Reduction (HSDR) Project, Final Integrated Feasibility Study and Environmental Assessment was held on August 26, 2014 in Washington D.C. The Jacksonville District team along with representatives of Flagler County, the Florida Department of Transportation, and the City of Flagler Beach provided a presentation of the recommended plan that will significantly reduce damages to State Road A1A in Flagler Beach for 50 years. The Chair for the CWRB was Major General (MG) Peabody, Deputy Commanding General for Civil and Emergency Operations. The Board Members for the CWRB were Mr. Theodore (Tab) Brown, Planning and Policy Division Chief; Mr. Steve Stockton, Director of Civil Works; Mr. James Hannon, Operations and Regulatory Community of Practice Chief; and Mr. Joseph Calcara, Director of Programs, South Pacific Division. The Board unanimously agreed to approve the release of the final integrated report and the draft Report of the Chief of Engineers for state and agency review.

The CWRB was established by Engineering Circular (EC) 1105-2-406 dated March 31, 2005, and is applicable to all Corps of Engineers Civil Works feasibility reports and post authorization reports where new Congressional authorization is necessary. The Flagler County Project was the first Jacksonville District HSDR project to complete a CWRB. The CWRB serves as the corporate checkpoint to determine that the final report and NEPA document are ready for state and agency review. The state and agency review for the Flagler Report is scheduled to be completed in October 2014. The final approval of the report will occur with the signing of the Chief of Engineers Report which is scheduled for November 2014.



The recommended plan for Flagler County consists of a ten foot dune and beach profile extension along 2.6 miles of shoreline in Flagler Beach and mainly prevents damage to most vulnerable sections of State Road A1A, an important hurricane evacuation route. Initial construction will require approximately 330,000 cubic yards of sand, and each periodic nourishment event will require approximately 320,000 cubic yards. The renourishment interval is expected to be approximately 11 years,

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**US Army Corps
of Engineers®**

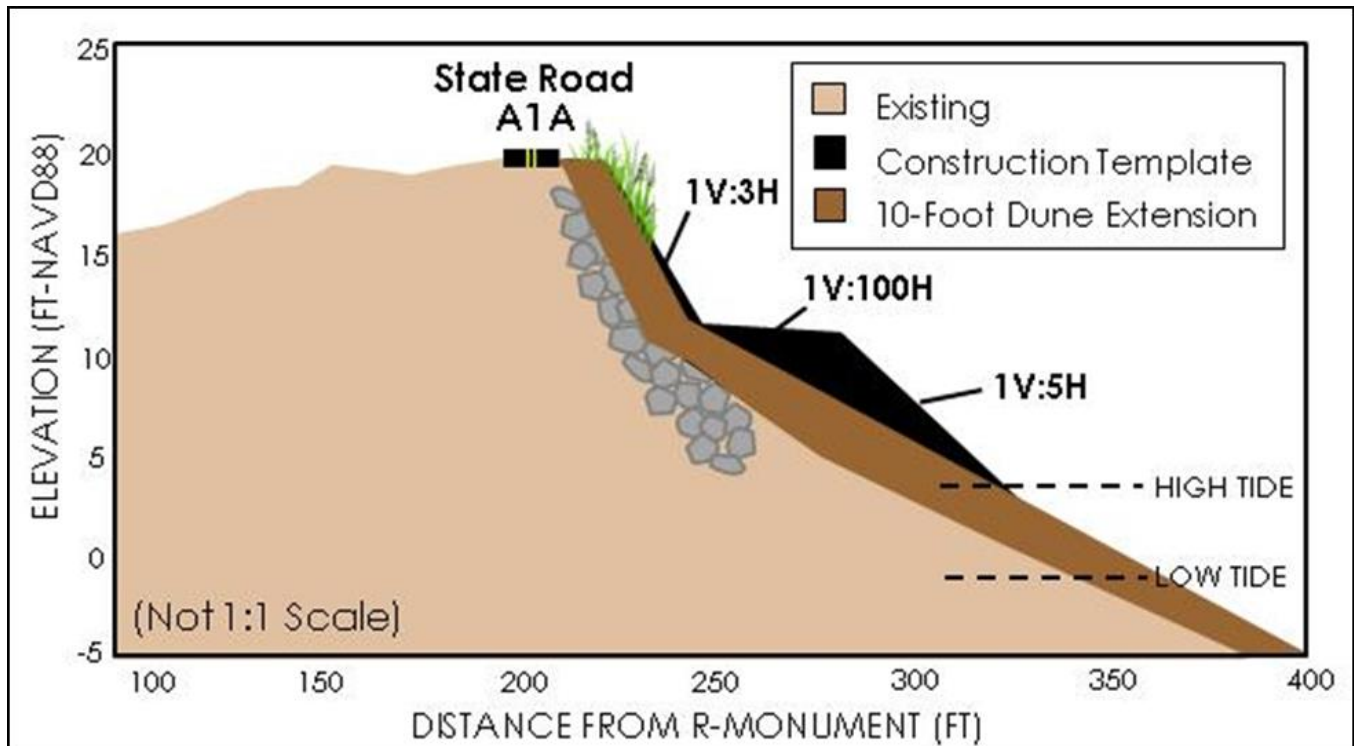
[Click here for the USACE
Jacksonville District website](#)

equaling 4 renourishment events in addition to initial construction over the 50 year period of Federal participation. The borrow area is located 7 miles offshore of the placement area within Federal waters.

Overview of the Recommended Plan



Profile view of the Recommended Plan Design



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The benefit to cost ratio (BCR) for this project is 1.9 to 1. Initial construction will be cost shared at 65% Federal and 35% non-federal. Periodic nourishments will be cost shared at 50% Federal and 50% non-federal. The Federal share of the total project cost over 50 years is \$24,608,300 and the non-federal share is \$20,353,700 in FY15 price levels.

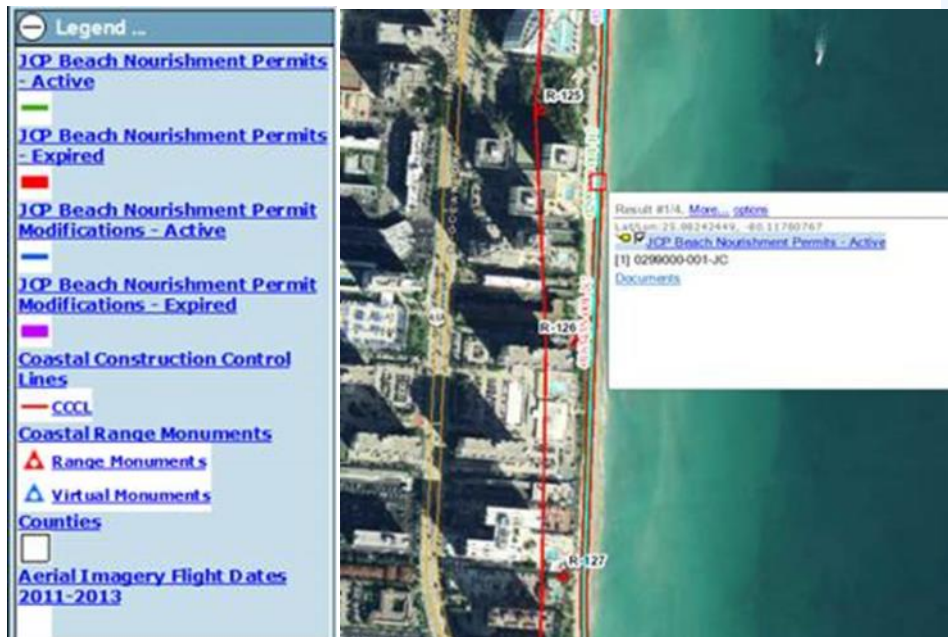
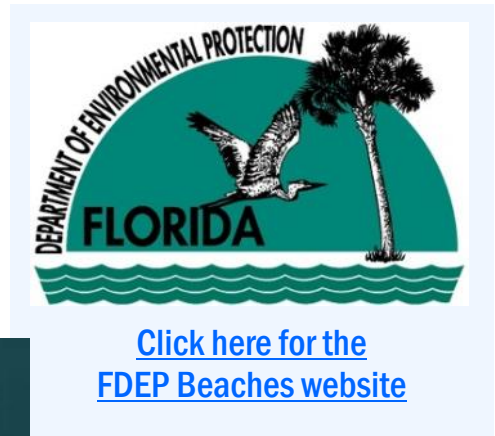
The recommended plan additionally provides social and environmental benefits by protecting a critical evacuation route, maintaining opportunities for tourism and recreation, and establishing nesting habitat. The non-federal sponsor, Flagler County, is in full support of the recommended plan.

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FDEP Division of Water Resource Management Agency Updates

New Beach Nourishment Geographic Information System Layers Created



Department GIS staff have created a more user friendly GIS layer of beach nourishment projects. These layers were created to update and replace existing GIS layers to help address a couple of problems. The first problem was the overcrowding of permit lines being displayed. The old layer captured all of the permit applications received by the Department, regardless of their status. Inclusion of permits that were never issued led to the layer containing too many unnecessary lines. In the new layer, only permits that were issued by the Department were included. This includes both active and expired permits and modifications. Also, a link to the DEP Information Portal was added as an attribute in the layers table to allow users to view documents associated with each permit.

The second problem was coast line conformity. The old layer displayed lines that connected the beginning and ending range monuments for the permits in a straight line, regardless of the coastline (which often resulted in a line through the ocean or land). Using 2011-2013 aerial imagery, the new layers were digitized to conform to the coast.

The purpose of this task is to provide staff and the public with more accurate GIS nourishment layers that will allow the user to better locate and view approved nourishment permits throughout the state of Florida. The layers will be made available in SDE, DataMiner, Map Direct and on the DEP ftp site.

New Beaches Staff Welcomed

The Beach and Mining Funding Assistance Program Area welcomed Tom Edwards as the new Project Manager for the Panhandle and Northeast Florida areas. Tom has a wide range of experience, including public and private sector positions over twenty years. He most recently worked for Atkins of North America as a Project Manager and Contract Administrator. Project Manager's geographical assignments may be viewed at <http://www.dep.state.fl.us/beaches/programs/becp/managers.htm>

The Beaches, Inlets and Ports Program Area welcomed Alexandre (Alex) Kalfin and Ivana Kenny as new Environmental Specialists. Alex has a BA in Environmental Studies and Political Science, and an MA in Aquatic Environmental Science from Florida State University. Ivana has a BA in Zoology and an MA in Marine Science from the University of the West Indies, and is a certified Project Manager. She previously served as the Environmental Officer for the Urban Development Cooperation of Jamaica.

Beach Management Funding Assistance Requests

Funding requests for beach and inlet projects were due August 4, 2014. Sixty-one projects, requesting \$102 million in state assistance were received and determined to be eligible. All requests had been reviewed, and requests for additional information, or clarifications, have been posted by County and name at <http://www.dep.state.fl.us/beaches/programs/becp/fund-req.htm>. Responses are due by September 1, 2014, except that resolutions from governing boards may be submitted through September 30, 2014.

Rules Update

The Division held a workshop on draft Rule 62B-33, Rules and Procedures for Coastal Construction and Excavation (CCC permitting) on June 23, 2014. Numerous comments were received by the August 15, 2014 deadline. Staff is reviewing them to determine what changes to recommend.

The Department hopes to publish a notice of change to the draft modifications to Rule 62B-49, Joint Coastal Permits and Concurrent Processing of Proprietary Authorizations soon. The majority of comments received from the Joint Administrative Procedures Committee have been resolved.

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Division Staff to Present at the 58th Annual Conference

Deputy Division Director Danielle Irwin will discuss environmental windows with Mr. Bill Hanson on Wednesday afternoon, and the Departments' initiatives on assessing, mitigating and monitoring nearshore hardbottom in the vicinity of beach and inlet projects on Friday morning.

Alex Reed and Robert Brantly will discuss the purpose and specific information needs of physical monitoring on Friday morning.



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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

September 24-26, 2014
2014 FSBPA Annual Conference
 Hyatt Regency Coconut Point
 Bonita Springs, FL

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

Call for Abstracts Deadline is
October 3, 2014.

Join us

September 24-26
58th Annual Conference
 Hyatt Regency
 Coconut Point

**Florida Shore and Beach
 Preservation Association**

[Conference Registration](#)

[Hotel Information](#)

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OTHER DATES OF INTEREST

October 14-17, 2014
[ASBPA National Coastal Conference](#)
 Virginia Beach, VA

November 18-19, 2014
[Atlantic Intracoastal Waterway Association Annual Conference](#)
 Savannah, GA

May 11-15, 2015
[2015 Coastal Sediments Conference](#)
 San Diego, CA

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