

Shoreline

October 2010

news from the Florida Shore & Beach Preservation Association

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Thank you to our Sponsors
and Exhibitors**

**24th Annual
National Conference on Beach
Preservation Technology
February 9-11, 2011
Jacksonville, FL**

**CALL FOR PRESENTATIONS
Abstract Deadline
has been extended until
October 13, 2010
Click here for details**

Association Happenings

By Debbie Flack

Following our 2010 Annual Conference and fall Board Meeting in Clearwater Beach (September 22-24), there are a number of issues or announcements to share with members not present or simply to reemphasize for those of you in attendance.

Good starting point is the actual conference itself. We can all be pleased with the good attendance (225) in this challenging economic environment.

Conference reviews, thus far, have been terrific –

from the program presentations, the amenities like the awards banquet, breaks, breakfast and night glow volleyball, to the venue. It is quite unusual for the resort itself to be the superstar, but in this case it apparently was. Our generous sponsors and exhibitors clearly made the difference. The Board of Directors and staff thank them, every speaker, and each individual in attendance. Your support keeps FSBPA at the forefront of beach issues in Florida!



Clearwater Beach, Florida
Photo courtesy of Pat Pacetti

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Palm Beach County DERM Monthly Report



Calendar of Events

About Shoreline

Florida Shore & Beach Preservation Association

Four vacancies on the Board for the 2011-13 term were voted upon by the general membership at our annual business meeting on Thursday, September 23. Terms will begin January 1, 2011. The four seats in question are all for a second three-year term of eligibility. **Brian Flynn** (Miami-Dade County), **Alex DavisShaw** (City of Sarasota), **Don Donaldson** (Martin County) and **Steve Higgins** (Broward County) were unanimously approved by the membership for their final consecutive term on the Board.

The Association's **Officers for 2011**, as recommended by the Board of Directors, and voted upon by the general membership are:

Virginia Barker (Brevard County): Chair

Don Donaldson (Martin County): Vice-Chair

Charlie Hunsicker (Manatee County): Secretary/Treasurer

Let's Welcome Jim Trifilio to the Board of Directors ...



Jim Trifilio

At its meeting on Wednesday, September 22, the Board unanimously voted for Jim Trifilio to fill the remainder of an unexpired term of a director (Matt Mooneyham, Santa Rosa Island Authority) who had recently resigned. Since 2005, Jim has been the Coastal Management Coordinator for the Okaloosa County Tourist Development Council. Jim and the "Emerald Coast" TDC have been active supporters of FSBPA through our local government BeachWatch program and last year's Supreme Court initiative.

Jim, born in New Jersey, comes to Okaloosa County and FSBPA, after graduate school (MS in Watershed Management) at the University of Arizona and then work at the Pima County Flood Control District, and supervisory positions with the Alachua County Department of Environmental Protection and the Florida Department of Environmental Protection.

We are most pleased to have continued Northwest Florida presence on the Board especially when our Panhandle members are suffering the economic and environmental impacts of the Deepwater Horizon spill. Jim's perspective and involvement, especially as it relates to oil spill recovery and managing multiple "new" beach nourishment projects, will be of specific benefit to the Board.

Candid Shots from the 54th FSBPA Annual Conference September 22-24, 2010 * Hyatt Regency Clearwater Beach, Florida





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Federal Project Status Updates - October 2010



US Army Corps
of Engineers

FEASIBILITY STUDIES:

- **St. Johns County** – Jacksonville District received Federal Stimulus funding to facilitate this study. Funding was utilized to perform Geotechnical Investigations and to calibrate the shoreline change model, GENESIS. Agency Technical Review (ATR) of chapters 1-5 of the feasibility report has been completed and was submitted to South Atlantic Division of the Corps and the District has provided a revised document. The next milestone will be to conduct a meeting with Division, HQ, County, and State to document the without project conditions. Economic modeling work with Beach-fx has been completed for the without project conditions. These conditions, along with preliminary alternatives for hurricane and storm damage reduction, are anticipated to be presented to SAD and Headquarters during a Feasibility Scoping Meeting (FSM) in fall of 2010.
- **Flagler County** – Economic modeling work with Beach-fx to identify the without project future conditions is currently completed and has been submitted to South Atlantic Division for their Quality Assurance review. The without project conditions, along with preliminary alternatives for hurricane and storm damage reduction, are anticipated to be presented to the SAD and Headquarters during a Feasibility Scoping Meeting (FSM) in December 2010. Geotechnical investigations conducted earlier this year were inconclusive and new investigations will be initiated.

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- **St. Lucie County** – Jacksonville District is continuing data collection within the study area (R77 to R115). Economic modeling setup in Beach-fx is currently being done, which will identify the without project future conditions. First Floor Elevation data is nearly complete for the study reach and Structure valuation has been completed. SBEACH has also been calibrated; all of this data will be used to set up Beach fx for model runs that will commence in September and likely run through December. Documentation of existing and future without project conditions in the study area is ongoing. The Team is working towards a Feasibility Scoping Meeting (FSM) date of May 2011, for South Atlantic Division (SAD) and Headquarters review of existing and future without project conditions and the first 5 chapters of the feasibility report. The Sponsor is moving ahead with planning for a more immediate non-Federal initial nourishment project. The Federal feasibility study is separate and will investigate feasibility of many alternatives, including initial and periodic nourishment. The non-Federal Sponsor is conducting environmental surveys and initiating an environmental impact assessment.

OTHER MAJOR PLANNING REPORTS:

- The **Brevard County Mid-Reach General Reevaluation Report (GRR)** team has completed the ATR of the Final Report. The Final GRR/SEIS has been submitted to SAD for their review/concurrence. The final report will then go to Headquarters prior to submission to the Assistant Secretary of the Army for final approval.
- **Jupiter/Carlin Shore Protection Project** - Palm Beach County has started a 934 report/NEPA document for Jupiter/Carlin Segment to extend Federal participation for the next renourishment. The Sponsor will be running the Beach-fx model. Federal participation has expired under the existing cost sharing agreement and congressional funds were not appropriated for this project segment during fiscal year 2010. Corps' involvement continues to be to support the sponsor in their preparation of the Section 934 report. The report is expected to be submitted by Sponsor for a first round review by Jacksonville District in November 2010.

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- The **Draft Ft. Pierce Shore Protection Project GRR** seeks an additional 50 years of Federal participation in the project as well as the inclusion of groins to the project area. The sponsor is currently running Beach-fx, and the GRR is undergoing further evaluation to establish the tentative plan. A Draft GRR is expected to be completed by the Sponsor in May 2011, and then will begin undergoing reviews by Jacksonville District.
- **Broward County Shore Protection Project - Segment I** (north county line to Hillsboro Inlet) – Integrated GRR and NEPA document – Preparation of the GRR and NEPA document for initial construction of this segment has been initiated by the Jacksonville District. SAJ has initiated Beach-fx data collection and shoreline biological surveys.
Segment II – GRR Addendum and NEPA document – Sponsor has initiated their GRR Addendum for the upcoming renourishment. **Segment III** – A Draft Detailed Design Report (DDR) has been completed to address the subsidence/erosion of the beach fill at the northern end of Segment III under the authority for the Shore Protection Project.
- In **Dade County**, work was funded for a **Section 227 Project** at 63rd Street in Miami and was reinitiated in August 2008. A design and build contract is being evaluated in cooperation with the Department of Environmental Resources Management (DERM) and Reef Innovation, Inc. Genesis modeling is underway to determine the minimum structural footprint and the exact project location. NEPA documentation and WQC are underway, with the Joint Coastal Permit to be submitted upon completion.
- The **Martin County Draft Limited Reevaluation Report (LRR) and Supplemental Environmental Impact Statement (SEIS)** evaluates impacts to the Benefit/Cost ratio of the approved Shore Protection Project due to the use of a new borrow area. Turtle-friendly beach construction templates are also being evaluated for use on this project. The document is awaiting approval for public release from South Atlantic Division (SAD).

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REGIONAL SEDIMENT MANAGEMENT:

- Comments on the **Dade County Letter Report** have been provided to Jacksonville District from Office of Water Project Review (OWPR). OWPR is seeking additional information on the unavailability of domestic sand sources as well as further description of potential non-domestic sand sources.

CONSTRUCTION:

- On 17 September, Southwind Construction completed nourishment of the Treasure Island segments of the **Pinellas County Shore Protection Project**. The Long Key renourishment will begin by 1 October. On Treasure Island 150,000 cubic yards (cy) are to be placed on Sunshine Beach and 125,000 cy on Sunset Beach. The borrow area for the Treasure Island segment is Johns Pass and vicinity. The Upham Beach portion of Long Key will be getting 160,000 cubic yards of sand from Blind Pass. The total construction cost is \$5.2 million.



Construction equipment placing sand on Sunshine Beach

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FDEP Bureau of Beaches and Coastal Systems Report

Michael R. Barnett, P.E.

Beach Restoration/Nourishment/Inlet Management Plan Implementation Projects

Final Orders - Beach Restoration, Nourishment, Inlet Bypassing/Sand Transfer



Before and After Photographs of the Holiday Isle Emergency Beach Fill Project (Okaloosa County) taken at Destin Pointe on August 9, 2010 and September 21, 2010 respectively. Before Photograph, courtesy of Jerry Stalnaker,

Holiday Isle Emergency Beach Fill (Okaloosa County) – An Emergency Joint Coastal Permit was initially issued (under Emergency Order No. 10-1196) on 4/6/10. The Deepwater Horizon Oil Spill caused several practical and logistical delays. The permit term was extended and construction of the emergency project - which will entail placement of 140,000 cubic yards of sand along 2,600' of beach from the same borrow area utilized to restore Eglin Air Force Base mission critical installation shoreline segments on Santa Rosa Island - should be underway (and possibly even completed) by the time of the FSBPA Board meeting.

Mayport Channel Dredging (Duval County) – A five-year authorization to deepen the Naval Station Mayport Entrance Channel and Turning Basin and Jacksonville Harbor Bar Cut 3 federal navigation channel was issued on May 18, 2010. Approximately 6,240,000 cubic yards of material, none of which is beach compatible, will be deposited in one of two ODMDS sites located in federal waters.

Cape Canaveral South Jetty Sediment Trap Maintenance Dredging (Brevard County) – A ten-year permit authorization was granted on August 9, 2010. The permit authorizes maintenance dredging of the south jetty sediment trap and either nearshore or offshore disposal of material (depending on sediment quality) on a 3-year basis, with excavation volumes of up to 270,000 cubic yards per event.

Anna Maria/Coquina Beach Nourishment (Manatee County) – A five-year authorization for the nourishment of 3,000 ft of shoreline in the City of Anna Maria and 5,075 feet of shoreline comprising the Coquina Beach segments of Anna Maria Island was granted on 7/23/10. Approximately 194,000 cubic yards of sand will be obtained from an offshore sand source. Sand-filled geotube containers will be placed along the existing terminal groin/jetty to limit sand movement through the existing jetty and into Longboat Pass.

Charlotte County Erosion Control Project (Stump Pass, Charlotte County) – A major modification was granted on May 24, 2010. The northern limits of the nourishment project will be extended to address an erosional hot spot on Manasota Key. Material dredged from the navigation channel will also be placed to the south on Knight Island.

Lake Powell Outfall Maintenance (Bay County) – A five-year authorization to conduct maintenance activities at the Lake Powell outlet channel was issued on May 28, 2010. Actions will be based on exceedance of an established trigger elevation of the lake levels to prevent flood damage to existing development.

Longboat Key North End Beach Nourishment (Manatee County) – A 10-year authorization to nourish 4,000 ft of shoreline near Longboat Pass was issued on September 13, 2010. Approximately 133,000 cubic yards of sand for the first nourishment event will originate from a borrow area located offshore of the north end of Anna Maria Island.

Recent Notice of Intent/Draft Permits Processed

AIWW Matanzas Dredging and Beach Placement (St. Johns County) – Request to conduct maintenance dredging of the Atlantic Intracoastal Waterway in southern St. Johns and northern Flagler counties, in the vicinity of Matanzas Inlet. Sand dredged from the waterway will be placed on the beach between R-203 and R-208 (Summer Haven Beach). The Notice of Intent and Draft Permit were issued on August 31, 2010.

Singer Island Dune Restoration (Palm Beach County) – request to place up to 75,000 cubic yards of sand over an approximately 5,300 ft segment of shoreline. An upland sand source will be utilized.

Recently Completed JCP Applications

Mid-Town Beach Nourishment Modification (Palm Beach County) – dune and berm repair of ~5,000 ft shoreline segment from damages attributed to T.S. Fay. An upland sand source will be utilized; suspense date 9/20/10.

Hillsboro & Deerfield Beach Nourishment (Broward County) – proposal to nourish 7,150 ft of shoreline with 375,000 cubic yard nourishment using an offshore sand source; suspense date 9/20/10.

Singer Island Segmented Breakwaters (Palm Beach County) – revised project design to construct eleven submerged breakwaters; suspense date 10/12/10.

Phipps Ocean Park Beach Nourishment Modification (Palm Beach County) – Tropical Storm Fay dune and berm repair project to permitted restoration project template. Approximately 56,000 cubic yards of sand will be placed utilizing sand from an upland source; suspense date 10/20/10.

Miami Beach Truck Haul Modification (Miami-Dade County) - placement of approximately 226,000 cubic yards total along three segments of shoreline (Sunny Isles, Bal Harbour and Miami Beach) from an upland sand source; suspense date 10/31/10.

Petitioned Files:

Western Destin Beach Restoration Project (Okaloosa County) – Five-year authorization request to restore 1.7 miles of Gulf of Mexico shoreline with 831,000 cubic yards of sand from an offshore borrow area. State Division of Administrative Hearings took testimony from the Petitioners, the Department, Okaloosa County and Intervenors in August 2010. The conclusion of the hearing process is pending resolution of a new rule challenge filed by new petitioners close to the end of the ongoing hearing and three petitions recently received from new petitioners challenging the project.

Okaloosa Island Beach Restoration Project – Request to restore 2.9 miles of Gulf of Mexico shoreline with approximately 913,000 cubic yards of sand from an offshore borrow area (note: the borrow area for this proposed project was also utilized for the Eglin Air Force Base Beach Restoration Project, and will be used for the Western Destin Beach Restoration Project, if permitted). An Administrative Hearing is currently scheduled for mid-November 2010 in Fort Walton Beach.

Florida Administrative Code – Rule Development/Rulemaking

Chapter 62B-33 (Coastal Construction and Excavation [CCCL]) - Bureau is working on multiple revisions to the existing rule, with the intention of providing a draft rule and the conduct of a workshop in either December 2010 or January 2011. A notice of development of rulemaking is posted on the Bureau's web site with more details as to the extent of the anticipated amendments.

Chapter 62B-56 (Geotubes) –This rule went into effect on 6/22/09. There are currently (September 2010) eight CCCL applications in processing, and two issued permits (Volusia, Sarasota). Of those in processing:

- Sarasota County: one CCCL application in an incomplete status
- Walton County: seven CCCL applications – five incomplete, two in waived status

Chapter 62B-41 (Coastal Construction Below MHW) – A rule adoption hearing pertaining to opening of a new inlet in Florida is scheduled for October 5, 2010 in Tallahassee **if** one is requested; the Notice of Proposed Rulemaking was published in the Florida Administrative Weekly on 09/03/10.

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Chapter 62B-36 (Beach Management Funding Assistance Program) – The Bureau is working on final review of revised draft rule. Owing to the lengthy delay, a workshop will be offered in Tallahassee, at a date to be determined.

Chapter 62B-34 (General Permits) – Rule amendments went into effect on April 7, 2010. The Bureau amended portions of Chapter 62B-34, F.A.C., to clarify ambiguities in the general permit rules and to add more counties in which property owners may apply for general permits using the general permit line as the most seaward limits of construction. An article further detailing the amendments appeared in the September issue of *Shoreline*.

Statewide Habitat Conservation Plan

To date, four Steering Committee Meetings have been conducted in Tallahassee (December 16, 2009 and February 15, June 3 and September 8, 2010). The Steering Committee will continue to meet quarterly as the statewide plan (Plan) is being developed.

The Plan is currently set up to address multiple Threatened & Endangered species statewide, for activities governed under the auspices of the CCCL program. Plan development and documentation process will likely take four to five years to complete. The most recent meeting considered such aspects as the term (duration) of the Incidental Take Permit that will be sought, the extent of the Plan area, and the species to be considered for protection. The next scheduled meeting of the Steering Committee is December, 2010 (an exact date has not yet been determined).

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2010 Annual Conference Award Winners

Presented during the Awards Banquet, Thursday, September 23, 2010

LEGISLATIVE AWARD



“For an outstanding legislative record of supporting the protection and preservation of Florida’s beaches, and the funding of beach nourishment projects”

Representative Jim Frishe, District 54
The Florida House of Representatives

PUBLIC SERVICE AWARD



“In recognition of your professionalism, distinguished career in public service, and contributions to good government, Pinellas County and its beaches”

ELITHIA V. STANFIELD
Assistant County Administrator, Pinellas County (retired)

LOCAL GOVERNMENT AWARD



“For the vision and commitment to a sustainable beach and sound coastal management practices”

THE TOWN OF LONGBOAT KEY

*Mayor George Spoll and
Town Manager Bruce St. Denis*

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PER BRUUN DISTINGUISHED SERVICE AWARD

“For outstanding contributions to the preservation of Florida’s beaches, one project at a time”

RICHARD SPADONI

Coastal Planning & Engineering, Inc.



MEMBER OF THE YEAR AWARD

“In recognition of your commitment to the state’s program for preserving Florida’s beaches and the success of this Association.

Your guidance and leadership have been invaluable”

DON DONALDSON, P.E.

Martin County



STAN TAIT AWARD

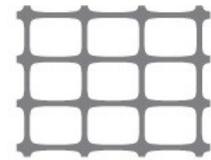
“For setting the standard of excellence and commitment to Florida’s beaches throughout your outstanding career in public service”

RALPH R. CLARK, P.E., P.L.S.

**Bureau of Beaches and Coastal Systems,
Florida Department of Environmental Protection (retired)**

Thank you to the attendees, speakers, sponsors, and exhibitors that made FSBPA's annual conference (September 22-24) a success!

FSBPA's Board of Directors and Staff would like to thank each and everyone who attended our 54th Annual Conference in Clearwater Beach, Florida. It was an outstanding conference. A special thank you to our 2010 conference sponsors who so graciously supported us financially.



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TAYLOR ENGINEERING, INC.



54th FSBPA Annual Conference Exhibitors

American Vibracore Services
Delray Beach, FL

Arc Surveying & Mapping, Inc.
Jacksonville, FL

BeachTech
Reno, NV

CSA International, Inc.
Stuart, FL

Deschamps Mat System
Clifton, NJ

Earth Balance
North Port, FL

Hyatt Survey Services, Inc.
Bradenton, FL

**Living Shoreline
Solutions, Inc.**
Dade City, FL

McKim & Creed
Wilmington, NC

Sand Transfer Systems
Lakeworth, FL

Taylor Engineering, Inc.
Jacksonville, FL

**Tensar International
Corporation**
Atlanta, GA

Tetra Tech, Inc.
Lawrenceville, GA

CALENDAR OF EVENTS



FSBPA Conferences

February 9-11, 2011

National Conference on Beach Preservation Technology

Hyatt Regency Jacksonville Riverfront
Jacksonville, FL

Call for Presentations: Abstracts due October 13, 2010

September 14-16

FSBPA Annual Conference
Eden Roc Renaissance Miami Beach
Miami Beach, FL

OTHER DATES OF INTEREST

October 13-15, 2010

ASBPA National Coastal Conference
Charleston Marriott
Charleston, SC

November 13-17, 2010

Restore America's Estuaries (RAE)
"Preparing for Climate Change: Science, Practice, and Policy"
Galveston, TX

February 7-9, 2011

12th annual CIRP Workshop
Hyatt Regency Jacksonville Riverfront
Jacksonville, FL

March 1-3, 2011

ASBPA Coastal Summit
Reagan Center, Washington, DC

May 2 - 6, 2011

Coastal Sediments '11
Miami Regency Hyatt
Miami, Florida

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Florida Shore & Beach Preservation Association, Inc.

PO Box 13146, Tallahassee, FL 32317-3146

Phone: (850) 906-9227 • Fax: (850) 201-6782

www.fsbpa.com • mail@fsbpa.com

Send e-mail address changes to: mail@fsbpa.com

Officers:

Brian Flynn (Chair)

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*Photo on front page header courtesy of
Laura Aldrich, Town Clerk, Indian River Shores, FL*

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