

Shoreline

June 2008

Just to let you know . . .

By Debbie Flack
Director of Governmental Affairs



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immediately following session. They have asked me a number of questions regarding its creative proviso relating to beach project priorities and funding. Let's keep our fingers ...

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US Army Corps
of Engineers

USACE Jacksonville District: Dade County Project

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FSBPA Loses Two Long-time Friends

Alison Hagerup 1958-2008

FSBPA and the beach community must say goodbye to a true friend and unwavering advocate. Alison Hagerup passed away Sunday, June 1, after a brief battle with cancer. Many of us were stunned by the rapidity of her decline. While a blessing her suffering was short, it certainly makes it difficult for those left behind that loved, cared, and deeply miss her. We extend our sincere sympathies to her ...

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Col. Alfred B. Devereaux, Jr. 1937-2008

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DEP Bureau of Beaches and Coastal Systems June 2008 Update to the Report *Critically Eroded Beaches in Florida*

By Michael R. Barnett, P.E.
Director, Bureau of Beaches and Coastal Systems

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Just to let you know . . .

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- The Governor formally received the budget for FY 08-09 from the Legislature on May 30. He must act on or before June 14. Let us not forget he has the line-item veto. The Governor's staff began budget review immediately following Session. They have asked me a number of questions regarding its creative proviso relating to beach project priorities and funding. Let's keep our fingers crossed. BeachWatch member governments will receive immediate notice of action by the Governor.
- While the Governor has not yet received CS/HB 1427 (enrolled), relating to inlet management, I don't anticipate problems. Seems everyone embraces this legislation, and anticipates significant program benefits. Funding and organizational obstacles may cause temporary delays to its full implementation, but we will get there. I just received a personal note of thanks from the House sponsor of 1427, Representative Stan Mayfield, for FSBPA's session efforts. We will certainly miss his leadership in the House. It is terribly difficult to replace advocates with Stan's commitment and dedication to Florida's beaches. Now it's up to DEP, with the support of our coastal communities, to truly provide inlet management with the weighted emphasis it deserves as part of a balanced statewide beach management program.
- Still no decision on the ECL/Walton County case heard by the Florida Supreme Court on April 19, 2007. After looking for an opinion every Thursday at 11:00 a.m. for well over a year, I am now in a state of denial. I have almost forgotten the significance of this shadow hanging over Florida's beach management program. At least we have ECL benefits/offset statutory provision passed during the 2007 Session to rely upon if it proves necessary.
- Work continues on spending bills for FY 09 in Washington, including Energy & Water. Nevertheless, to avoid disappointment in the fall, it is wise to consider as a good possibility an omnibus bill once again. A draft WRDA 2008 is also being worked on. Hard to believe we could actually have back-to-back WRDA bills, but it certainly would be nice to resume an even-year cycle.
- FSBPA, on behalf of our BeachWatch members, especially Manatee County and Longboat Key, is quite concerned over a pending regulatory action - - Port Dolphin Energy's plan to build an offshore pipeline for natural gas transmission to Port Manatee. Putting aside the environmental impacts, the proposed pipelines siting would dissect valuable offshore sand resources already identified for multiple beach renourishment projects. This would be an extremely costly and unacceptable siting decision, to not only our statewide sand source management strategy but also several to the tourist-based economies of a number of our coastal communities. With state and local beach dollars in decline, we can't simply abandon these valuable sand sources and the millions of dollars it took to identify them and start over. This beach quality material must be available to nourish southwest coast beaches.



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Alison Hagerup
1958-2008

FSBPA and the beach community must say goodbye to a true friend and unwavering advocate. Alison Hagerup passed away Sunday, June 1, after a brief battle with cancer. Many of us were stunned by the rapidity of her decline. While a blessing her suffering was short, it certainly makes it difficult for those left behind that loved, cared, and deeply miss her. We extend our sincere sympathies to her family, especially her daughter Carly, son-in-law Jeremy, and grandson Tadem.

Alison served multiple terms on FSBPA's Board of Directors. First elected in 1997, she served two consecutive three-year terms. In her second term, she served also as Secretary-Treasurer in 2000, Vice Chair in 2001, and Chair in 2002. She was again elected to consecutive three-year terms in 2004 and 2007. Alison was the 1996 recipient of FSBPA's Local Government Award. And, largely as a result of her dedication and leadership, the Captiva Erosion Prevention District also received FSBPA's Local Government Award in 1999. Alison was especially instrumental in the development and continuing success of FSBPA's local government advocacy program, BeachWatch.

Alison was the administrator of the Captiva Erosion Prevention District (CEPD) for the past 20 years. This alone is quite remarkable in a not always cohesive community, with a unique governmental structure and charter. She oversaw three federally-authorized beach nourishment projects, as well as the just completed storm recovery sand fill, no small feat in a community once unsure of, and divided over, beach nourishment. Her counterparts in other Florida coastal cities and counties often looked to Alison for guidance regarding successful private-public funding options for beach nourishment, and post-storm beach recovery planning. Her professional efforts to tackle the tough issues and to reach out to various factions and neighboring governments are well-recognized. Her peace-making efforts extended well beyond the island to neighboring Sanibel, well-illustrated by the challenging, finally imminent, Blind Pass Ecosystem Restoration Project, sponsored by Lee County. Her efforts to truly foster a balanced federal-state-local funding partnership for beach nourishment on Captiva by securing additional beach access and parking, we understand, have already been formally recognized by the Lee County Board of County Commissioners. Just days before Alison's death, the Commission named Captiva's small beach park next to South Seas the "Alison Hagerup Beach Access."



Alison and her good friend Scoobie

Alison was rarely out front, usually working quietly on behalf of the CEPD. Let's never forget, she was the reason things got done. Just look at the number of folks in FSBPA, the Department of Environmental Protection, Lee County, and the Jacksonville Corps of Engineers (yes, its true, she was Richard Bonner's favorite) who considered her a real friend. Alison will be dearly missed!

FSBPA plans to celebrate Alison's life. It is bittersweet our annual conference has long been planned for South Seas Plantation, Sept 10-12, 2008. We already have special plans underway to recognize Alison's accomplishments and pay tribute to our friend. The Conference will be dedicated to her, with special conference papers, recognitions, and an award presentation. We appreciate greatly that Lee County hopes to host the formal dedication of the Alison Hagerup Beach Access during the conference so many of us can attend. Over the next few months, please share with us your memories, stories, and yes, even laughs about Alison, so they can be part of the program. After all, few of us will be able to visit Captiva without thinking of Alison or feeling her presence - - so lets make this a special time for reflection and celebration. (More detail will be provided in future Shorelines)

Our long-time FSBPA Board Member, Don Donaldson (Martin County) said it best and quite simply, *"I miss her, it is sad to have one of our best leave so suddenly."*

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Alison poses with her grandson, Tadem

Col. Alfred B. Devereaux, Jr.
1937-2008

Colonel Alfred B. Devereaux, Jr., former District Engineer of the U.S. Army Corps of Engineers, Jacksonville District and former Director of the Office of Beaches and Coastal Systems, died Sunday, May 18, 2008 in Tallahassee.

Colonel Devereaux graduated from the United States Military Academy (Class of 1959) and served in the U.S. Army Corps of Engineers for 25 years. He served in Korea and in the Vietnam War. He received his Ph.D. from Ohio State University and was a graduate of the U.S. Army War College.

His last military assignment with the Corps of Engineers was as the District Engineer for the Jacksonville District, from 1981 to 1984. Following his retirement from the military, he served as Assistant Secretary of the Florida Department of Environmental Regulation from 1984 to 1987. From 1988 until his retirement, he served first as Chief of the Bureau of Coastal Engineering and Regulation and finally as Director of the Office of Beaches and Coastal Systems.

Colonel Devereaux received FSBPA's highest award, the Bill Carlton Award in 2002

Survivors include his wife of 45 years, Melissa Potter Devereaux of Tallahassee; children, Stephen Boyce Devereaux and Melissa Inez Devereaux, both of Atlanta; three grandchildren, Lily Margaret Conable, James Barber Conable and Emma Croslin Devereaux; and one sister, Joan Devereaux Watson of Seattle.

"I consider Dr. Devereaux my professional mentor. He was a gentle teacher who's example taught me the meaning of dedicated public service and the highest standards of intellectual integrity."

**Robert Brantley, Program Administrator,
Coastal Engineering, Bureau of Beaches
and Coastal Systems**

"Al was always a gentleman, told great stories of his times in the military, and was dedicated to the science of beach management."

**Roxane Dow, Environmental Specialist,
Beach Erosion Control Program, Bureau
of Beaches and Coastal Systems**



Col. Al Devereaux (center) receives FSBPA's highest award, the Bill Carlton Award, from Paden Woodruff (left) and Mike Sole (right).

USACE Jacksonville District: Dade County Project

Dade County's offshore borrow areas have been nearly depleted. At the time of this writing a very limited amount of domestic beach quality sand remains offshore of the Dade County shoreline. This volume is not adequate to supply the approximately 11,800,000 cy of material needed over the next 24 years (36 years for the 2.5-mile Sunny Isles segment) for renourishment of the Dade County Beach Erosion Control (BEC) and Hurricane Protection (HP) Project for the remaining period of Federal participation nor for the foreseeable future need of Dade County.

The depletion of Dade County's offshore borrow areas has forced investigations into the use of alternative sand sources, both domestic and foreign, for future project needs. The 2007 draft *Dade County, Florida Beach Erosion Control and Hurricane Protection Project Letter Report, Alternative Borrow Source Investigation*, explored the use of known available domestic sources with none of sufficient volume found viable given environmental, economic, and implementation considerations. At least one non-domestic source of sufficient volume was identified in the report and warrants further investigation given these same considerations.



The Assistant Secretary of the Army (Civil Works) recommended the following "three-tiered approach" following his review of the draft report:

1. The emergency reserve at the offshore borrow area (SGC1 Extension) should be considered for placement to begin to restore the project profile. Additional nearby material from smaller borrow areas should be utilized if the material is appropriate and meets standards for the project.
2. The study should incorporate an examination of the viability of non-domestic sand sources for intermediate and long term renourishment needs.
3. In addition to non-domestic sources, the remaining Florida coastal domestic sand sources should be evaluated through a comprehensive regional management plan to address long term renourishment needs along the Atlantic coast of Florida.

The Jacksonville District has begun work on the first tier of the three-tiered approach.

The coordination protocol necessary to the second tier is currently being prepared, in cooperation with; the USACE higher authority; Dade County, the state of Florida, Broward County, and stakeholders to determine the viability of non-domestic sand sources.

The scope of work for a Regional Sediment Management (RSM) study is currently being developed to address the third component. The study will expand on the current *Southeast Atlantic Regional Sediment Source Study* being completed for the Jacksonville District by GEC and work done on the *Coast of Florida Erosion and Storm Effects Study*.

Personnel Changes at the USACE Jacksonville District

As you probably have noticed, the Jacksonville District staff involved in shore protection projects has changed over the past few months. We wanted to take this opportunity to describe these changes to our collaborators in protecting Florida's coastal resources.

Mr. Mike B.K. Fulford, Jacksonville District Deputy District Engineer & District Engineer for Programs and Project Management, is currently serving in Iraq. Mr. David Hobbie, our Regulatory Division chief, is acting for Mr. Fulford during his tour. Mr. Ozvaldo Collazo is presently acting chief of Regulatory Division.

We welcome Dr. Becky Griffith from the Ft. Worth District as our new Planning Division chief. Ms. Marie Burns, Environmental Branch chief, has accepted a position with the Baltimore District that will begin in July. Ms. Barbara Cintron is acting Environmental Branch chief. Mr. Bradd Schwichtenberg has moved up from Coastal-Navigation Section chief to Plan Formulation Branch chief. In that role he will continue to oversee coastal and navigation projects but also Everglades and floodplain management projects. Mr. Ernie Clarke will serve as acting chief of Bradd's former section while the position is vacant. New coastal planners within the last year are Mr. Clarke and Ms. Stacey Roth, and Ms. Candida Bronson has assumed the role of lead coastal planner vacated by Mr. Dan Haubner. Addition planners will be joining Plan Formulation Branch soon.

In the project management arena, Mr. Dan Haubner moved to Norfolk District. Ms. Shelley Trulock took over his projects and she comes with good experience from the Everglades' program. Mr. Doug Rosen, a longtime section chief in the Geo-Technical Branch of Engineering Division, retired in June. Mr. Ed Hodgins, Chief of the Coastal Design Section in the Engineering Division, retired in April after 32 years of Federal service. Ed has gone on to work at Taylor Engineering Inc. Mr. Jason Engle and Mr. Tom Martin are each serving as acting chief of the section while the position is vacant. Tom was recently selected as the Coastal Engineering Regional Technical Expert for South Atlantic Division, USACE. Mr. Dan Beasley, Chief of Navigation Section in Operations, who oversees our maintenance dredging program, retired. That position will be filled by longtime coastal project manager Mr. Rick McMillen.

Captiva Island Beach Nourishment Completed under Alison Hagerup's Leadership

By Stephen Keehn
Coastal Planning and Engineering

The Corps of Engineers completed construction of an emergency beach nourishment project for Captiva Erosion Prevention District (CEPD) on May 2, 2008. This was a small project to replace storm losses from the 2005 hurricane season. These storm losses qualified for 100% Federal funding, with no State, County or local taxes needed to support the project. CEPD qualified for the additional volume of support of the Captive Island Renourishment Project after detailed technical and administrative discussion with the Corp of Engineers conducted by Alison Hagerup.

The project started pumping on April 17 and sand placement was completed by April 26. It took only 10 days place approximately 99,000 cubic yards of sand on the beach. The project was constructed by Weeks Marine, who made an extra effort to minimize disturbances to the beach users during this high use period.

Although the quantity of sand appears small compared to the larger project built 2 years ago, it is significant. The quantity will provide another year to the life of the current project, before it needs to be renourishment. In the long term, this will reduce cost to CEPD, the County and the State.

This project culminated almost four year of effort by Alison to lead in the recover from Hurricane Charlie and the other 2004-5 hurricane impacts, redo the apportionment plan to mitigate for the hurricane damaged housing on Captiva Island, implement a beach nourishment and groin construction project and plan for the completion segment in 2008. All the while, Alison was part the team planning the reopening of Blind Pass in face of stiff environmental demands, which should be opened later this year.

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Alison Hagerup (far right) at the ground breaking ceremony with CEPD board members and Lee County Supervisor on 4/17/08.



Alison inspecting the scarps on Sanibel Island during the first phase of the renourishment in 2005.



Fill operations on the Captiva Island beach on April 25, 2008.



Terminal groin reconstruction at Redfish Pass in 2006.



The newly pumped beach immediately after project completion on April 26, 2008.

DEP Bureau of Beaches and Coastal Systems June 2008 Update to the Report
Critically Eroded Beaches in Florida

By Michael R. Barnett, P.E.
Director, Bureau of Beaches and Coastal Systems

The Florida Legislature, pursuant to 161.088, F.S., has acknowledged that beach erosion problems in the state are such that it is a necessary governmental responsibility to properly manage and protect Florida beaches from erosion and that the Legislature make provision for beach restoration and nourishment projects, including inlet management projects that cost-effectively provide beach-quality material for adjacent critically eroded beaches. Further policies and procedures as provided in Chapter 62B-36, F.A. C., make clear the restoration and management of critically eroded beaches is a central 'driver' of Florida's beach management program.

The Bureau first published a list of eroding shorelines in the state of Florida in 1989. Of the 825 miles of sandy beaches fronting the Atlantic, Gulf of Mexico and Straits of Florida, 217.6 of those miles were determined to exhibit a critical erosion condition and an additional 114.8 miles were identified as experiencing noncritical erosion.

Since that time, there have been numerous updates to the report – with limited exceptions, updates have been prepared on an annual basis.

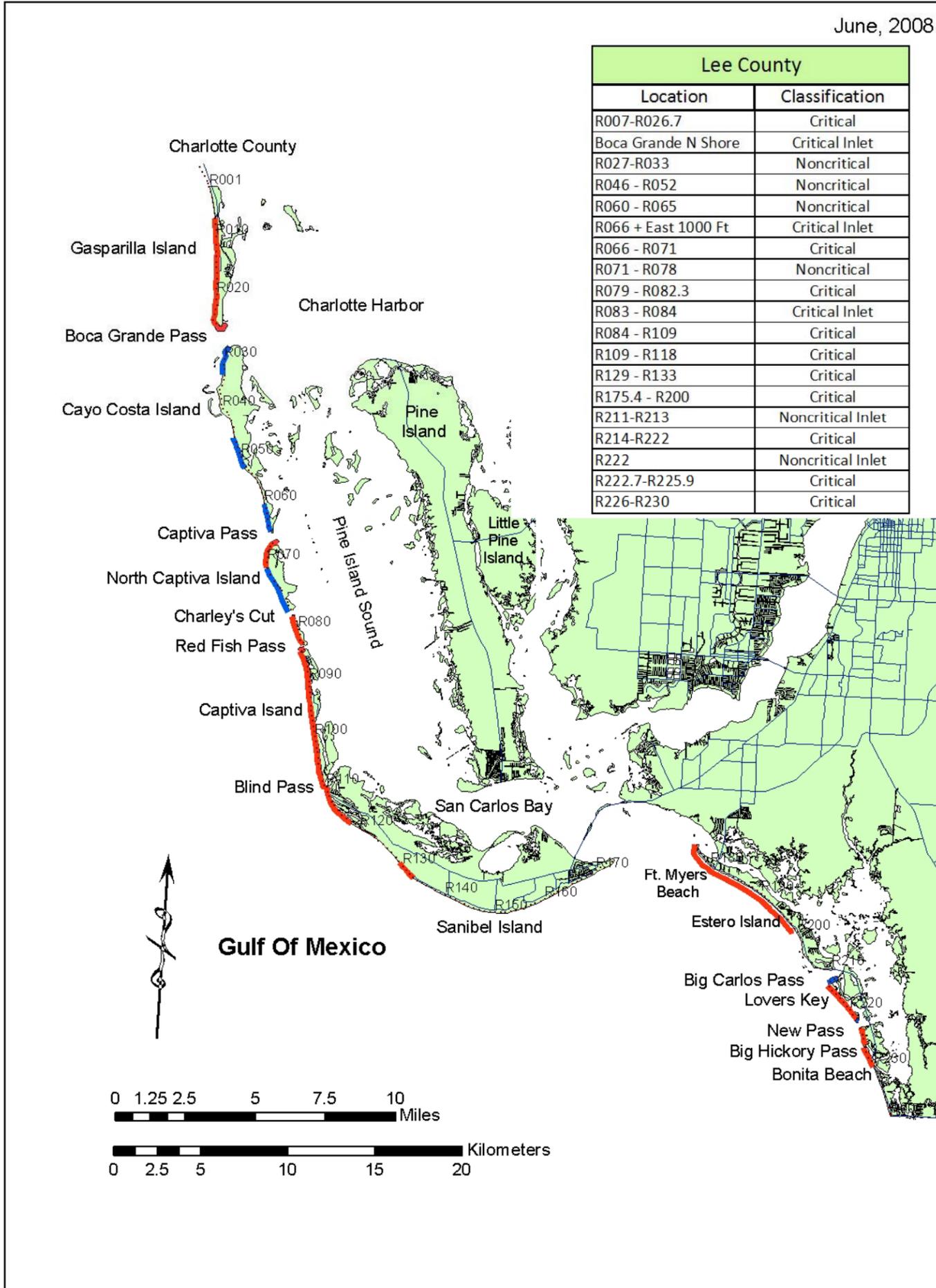
The Bureau has adopted the following definition to identify critically eroded areas in Florida:

Critically eroded area is a segment of the shoreline where natural processes or human activity have caused or contributed to erosion and recession of the beach or dune system to such a degree that upland development, recreational interests, wildlife habitat, or important cultural resources are threatened or lost. Critically eroded areas may also include peripheral segments or gaps between identified critically eroded areas which, although they may be stable or slightly erosional now, their inclusion is necessary for continuity of management of the coastal system or for the design integrity of adjacent beach management projects.

Because there are shorelines displaying an erosional trend where none of the four identified interests in the definition above (upland development, recreational interests, wildlife habitat, or important cultural resources) are presently in a loss or threat situation, the Bureau has identified and designated areas with this potential as noncritically eroded. A listing of these areas is carried alongside the critical designation.

The structure of the report lists the beach and inlet critical and noncritical shoreline, by County and further distinguished by reference (R) or virtual (V) monument reference, in miles. The summary table is followed by a County index which reflects the page reference and last revision to each of the 35 coastal counties. Finally, the bulk of the report contains a description, by county, of each of the critically eroded beach areas and inlet shorelines as well as noncritical segments. A color map depicting the designated areas concludes each county description. A sample map (Lee County) is provided on the next page for illustration of the report's map layout and classification/labeling scheme.

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A summary tabulation of coastal erosion areas in Florida is provided below:

Summary of Florida Coastal Erosion Areas

	BEACH		INLET	
	critical	noncritical	critical	noncritical
GULF COAST	181.9	69.8	4.3	0.9
ATLANTIC COAST	204.5	24.1	4.6	2.3
FLORIDA KEYS	10.2	1.6	---	---
STATEWIDE – TOTALS	396.6	95.5	8.9	3.2

The June 2008 update added over 8 miles of critically eroded beaches to the statewide totals represented in the June 2007 update. These additional areas, by County, are as follows:

County	Beach/Shoreline Name	Shoreline Distance (miles)
Escambia	Perdido Key	4.0
Flagler	Painters Hill	0.3
Franklin	Alligator Point	0.8
Gulf	St. Joseph Peninsula	1.7
Lee	Big Hickory Island	0.8
Manatee	Passage Key	0.3
Palm Beach	Lantana Municipal Beach	0.1
Sarasota	Manasota Key	1.5

A few representative photographs of conditions in selected areas from the above list are provided and captioned herein.



Recreational and Marine Turtle Habitat Impacts – Big Hickory Island (Lee County)



Lantana Public Beach - Impacts from Subtropical Storm Andrea (May 2007)



**Painter's Hill, Flagler County –
Beach/Dune Recession Threatening a Single-Family Residence**

While there have been many staff of the Bureau of Beaches and Coastal Systems that have contributed to efforts involved in updating this report, there is one professional that has remained constant, steadfast and reliable throughout the 19 years since the genesis of the report: Mr. Ralph Clark, P.E., P.L.S. I wish to acknowledge his tireless efforts and dedication to timely, thorough and accurate updates to this report and the innumerable other functions and duties he undertakes on behalf of Florida's beaches.

The 2008 update to the *Critically Eroded Beaches in Florida* report may be accessed at

[http://www.dep.state.fl.us/beaches/publications/tech-rpt.htm#Critical Erosion Reports](http://www.dep.state.fl.us/beaches/publications/tech-rpt.htm#Critical_Erosion_Reports)

If not available at press time of this newsletter, please bear with us a few days – we will have the report on-line soon!

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Job Opportunities

Coastal Engineering Consultants, Naples, FL is seeking Senior Coastal Engineer/Scientist for Branch Office Manager Position in Louisiana. Unique opportunity to manage projects of national significance in restoring and protecting Louisiana's fragile coastal system. Plus the chargrilled oysters are the finest in the world. Send Resume in confidence to: mpoff@cecifl.com

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Calendar of Events

June 26 —27, 2008

Florida Coastal Law Conference
Miami, FL
<http://www.cle.com/miacoast>

August 31-September 5, 2008

International Conference on Coastal Engineering
Hamburg, Germany
<http://icce2008.hamburg.baw.de/>

September 10-12, 2008

FSBPA Annual Meeting
South Seas Plantation
<http://www.fsbpa.com/annual.htm>

October 15-17, 2008

ASBPA Fall Conference
Holiday Inn Chicago Mart Plaza
www.asbpa.org

February 16-18, 2009

10th Annual CIRP Workshop
TradeWinds Island Resorts
St. Petersburg Beach, FL

February 18-20, 2009

National Conference on Beach Preservation Technology
TradeWinds Island Resorts
St. Petersburg Beach, FL

April 6-10, 2009

National Hurricane Conference
Austin Convention Center
Austin, TX
www.HurricaneMeeting.com

September 16-18, 2009

FSBPA Annual Meeting
Amelia Island Plantation
Amelia Island, FL

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**A monthly electronic publication of the
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