

2020 AND BEYOND

JACKSONVILLE DISTRICT COMMANDER'S UPDATE

COL Andrew D. Kelly Jr.
Commander and District Engineer
USACE – Jacksonville District
September 2020

Working Today to Build a Better Tomorrow



US Army Corps
of Engineers®



An aerial photograph of the state of Florida, showing its coastline and internal land features, positioned on the left side of the slide.

JACKSONVILLE DISTRICT (SAJ)

Our Vision

- To be a great engineering force of highly disciplined people working with our PARTNERS to deliver innovative and sustainable solutions to the Nation's engineering challenges.

Our Goals

- Ready for All Contingencies
- Engineering Sustainable Water Resource Solutions
- Building Effective, Innovative Engineering Solutions
- Recruiting and Retaining Strong Teams

Our Area of Responsibility

- Florida
- Puerto Rico
- U.S. Virgin Islands



JACKSONVILLE DISTRICT OFFICES AND AREAS OF RESPONSIBILITY



AREAS OF RESPONSIBILITY

- **CIVIL WORKS**
 - Portions of Florida and Georgia (defined by watersheds)
 - Puerto Rico and the Antilles
- REGULATORY**
 - Florida
 - Puerto Rico and the Antilles
- **REAL ESTATE AND MOBILIZATION**
 - Portions of Florida and Georgia
 - Puerto Rico and the Antilles

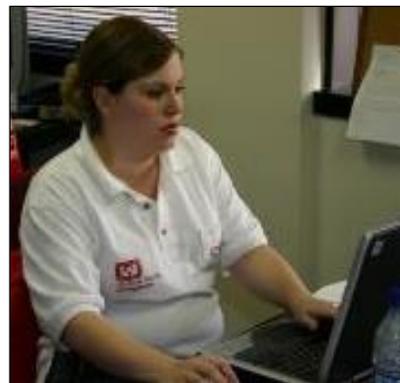


JACKSONVILLE DISTRICT PROFESSIONALS

“Team of Professionals Making Tomorrow Better”



- 5 military
- 1,000 civilians
 - ❑ engineers
 - ❑ biologists
 - ❑ planners
 - ❑ economists
 - ❑ archaeologists
 - ❑ attorneys
 - ❑ project managers
 - ❑ architects
 - ❑ ecologists
 - ❑ environmental protection specialists
 - ❑ geologists
 - ❑ hydrologists
 - ❑ park rangers
 - ❑ surveyors
 - ❑ computer experts
 - ❑ realty specialists
 - ❑ administrative professionals



WE ARE HIRING!

<https://www.usajobs.gov/>

Send Resumes directly to
HRJAX@usace.army.mil



Mr. Rickey "R.D." James
Assistant Secretary of
the Army for Civil Works



**Lieutenant General
Scott Spellmon**
Chief of Engineers
and Commanding General
USACE



**Colonel
Jason Kelly**
Commander,
South Atlantic Division
USACE

USACE Structure

Your Project Managers are the
"Door to the Corps"
Best way to communicate!

JACKSONVILLE CORPORATE BOARD





U.S. ARMY CORPS OF ENGINEERS | JACKSONVILLE DISTRICT CHAIN OF COMMAND



Your Project Managers are the “Door to the Corps”. First line of communication!



Tim Murphy
Deputy District Engineer
Programs & Project Management



Milan Mora
Chief, Water Resources Branch



Trishton Brown
Chief, Florida Projects Section





OUR MISSION AREAS

Deliver value to the Nation by anticipating needs & collaboratively engineering solutions that support national security, energize our economy, & increase resiliency.



NAVIGATION



COASTAL STORM RISK MANAGEMENT



- Navigation ★
- Flood/Coastal Storm Risk Management ★
- Ecosystem Restoration
- Operations/Recreation
- Contingency Operations
- Real Estate
- Military/Interagency & International Services
- Regulatory



NAVIGATION



**many of our navigation projects utilize beach placement (RSM)*

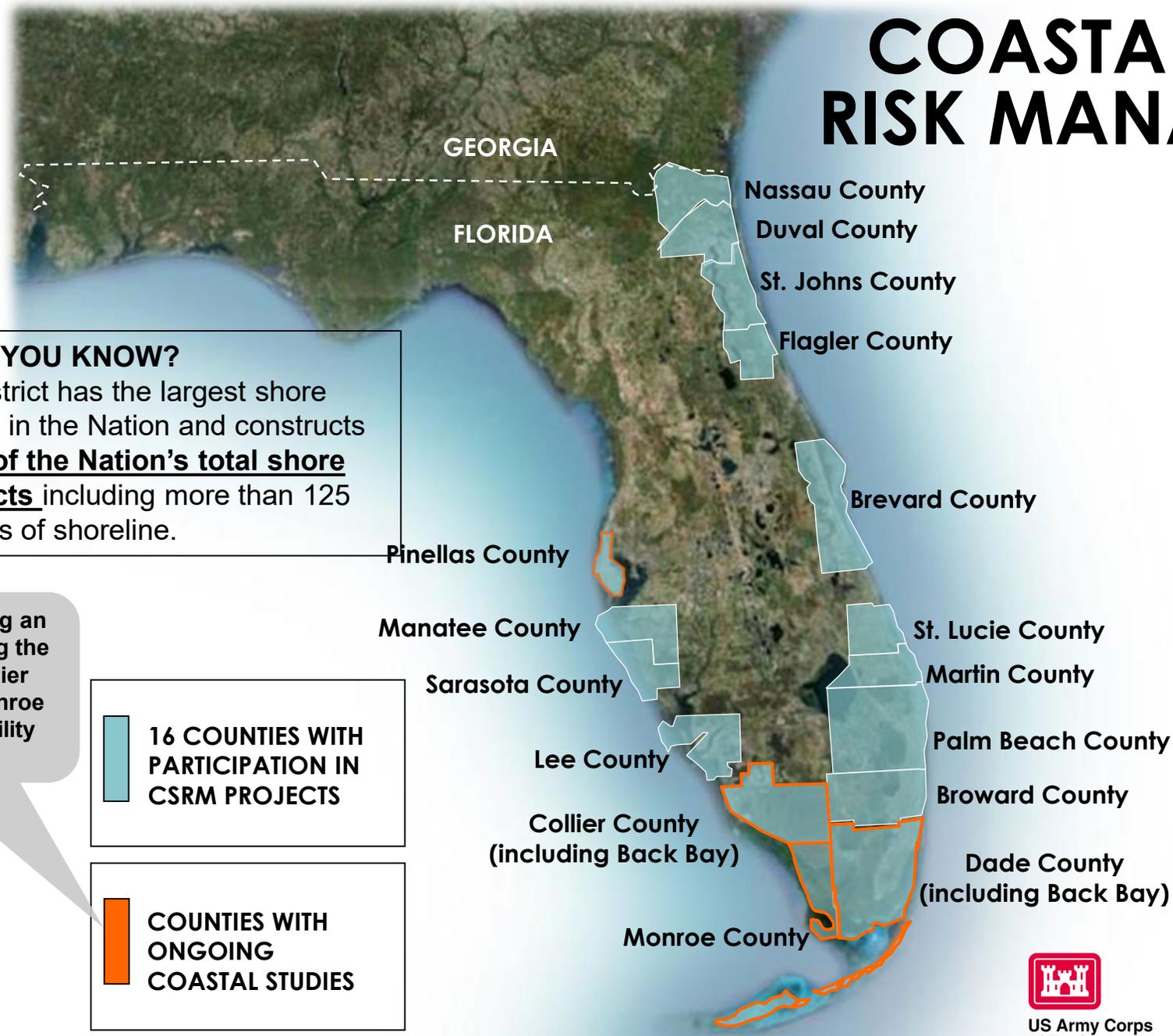


17 DEEP DRAFT HARBORS

- Kings Bay/Fernandina
- Jacksonville Harbor
- Canaveral Harbor
- Ft. Pierce Inlet
- Palm Beach Harbor
- Port Everglades
- Miami River
- Miami Harbor
- Key West Harbor
- Charlotte Harbor
- Manatee Harbor
- Tampa Harbor
- St. Petersburg Harbor
- Arcibo Harbor
- San Juan Harbor
- Ponce Harbor
- Mayaguez Harbor



COASTAL STORM RISK MANAGEMENT



DID YOU KNOW?

Jacksonville District has the largest shore protection program in the Nation and constructs **more than 30% of the Nation's total shore protection projects** including more than 125 miles of shoreline.

Norfolk District is doing an outstanding job leading the Miami Back Bay, Collier County CSR and Monroe County CSR Feasibility Studies

16 COUNTIES WITH PARTICIPATION IN CSR PROJECTS

COUNTIES WITH ONGOING COASTAL STUDIES

- Initial Construction**
- St. Johns Vilano
 - Palm Beach Mid-Town
 - Flagler County
 - St. Lucie County
 - Brevard Mid-Reach
 - Lido Key
- We couldn't manage this large program without sponsors helping identify creative solutions!





SOUTH ATLANTIC COASTAL STUDY A COASTAL MANAGEMENT STRATEGY



The study will be modeled closely after the North Atlantic Coast Comprehensive Study (NACCS), a Congressional response and precedent-setting vulnerability and flood risk-reduction study completed for the north Atlantic coastline in the wake of Hurricane Sandy. The South Atlantic Coastal Study will conduct regional analyses of coastal risk and identify initial measures/costs that can address vulnerabilities with emphasis on regional sediment management (RSM) as an actionable strategy to sustainably maintain or enhance current levels of coastal storm risk reduction.

area study

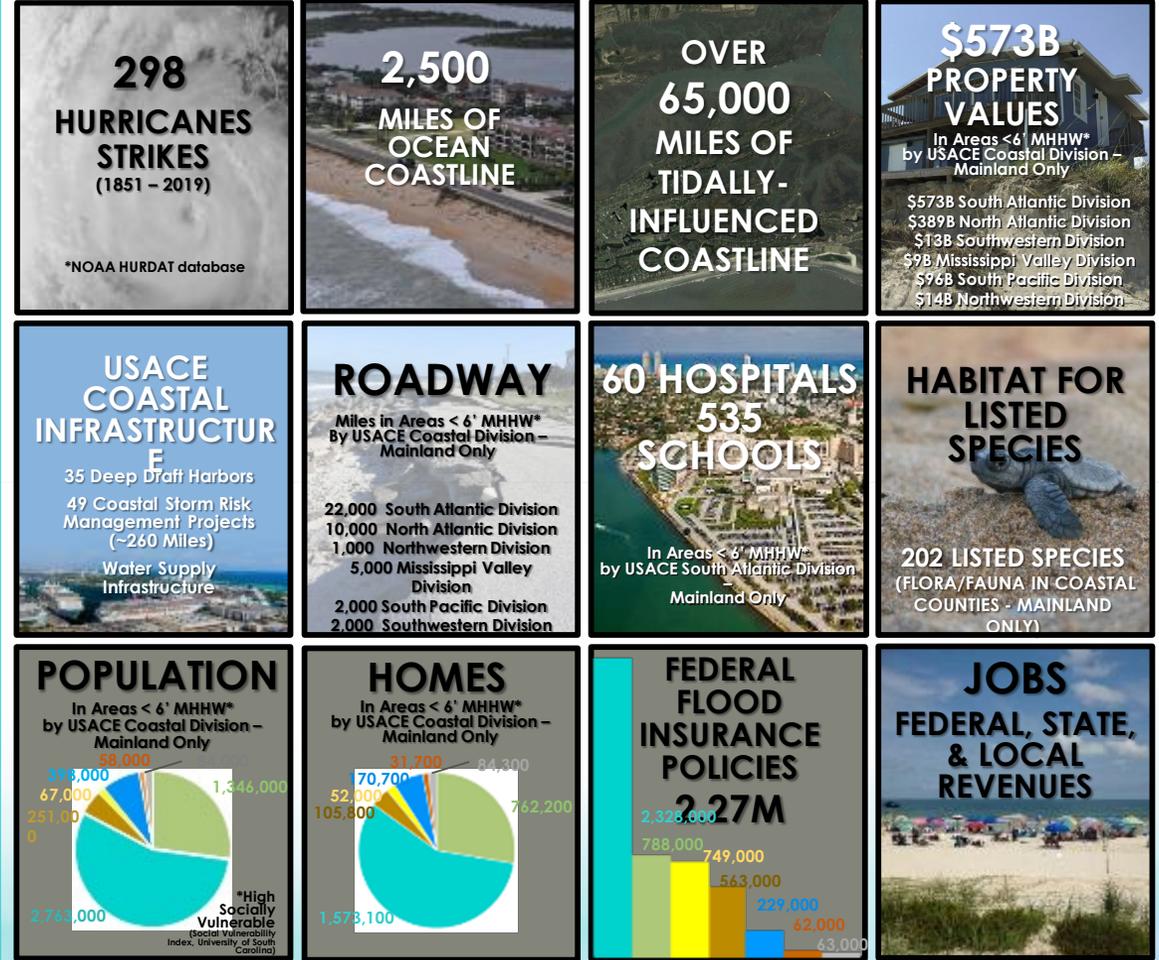
Reducing coastal risk is a responsibility shared by all stakeholders including coastal communities, local and state governments, tribes, Federal agencies, and others which covers over 65,000 miles of tidally influenced shorelines throughout the study area. Locations within the USACE South Atlantic Division area of responsibility that are affected by sea level rise, and where hurricane and storm damages occur or are forecast to occur, are included within the study area.



For more information about SACS in Florida please contact: Ashleigh Fountain @ Ashleigh.H.Fountain@usace.army.mil

SOUTH ATLANTIC DIVISION COASTAL VULNERABILITY SNAPSHOT

The South Atlantic region is projected to experience significant growth in population and economic activity due to drivers including a favorable climate, low tax rates, availability of land for development, state and local government incentives, transportation infrastructure and networks, and proximity to international, national, and regional economic centers. The region's population is projected to grow to 62.5M by 2035, representing a 25% growth rate and 17% of the total projected U.S. population.



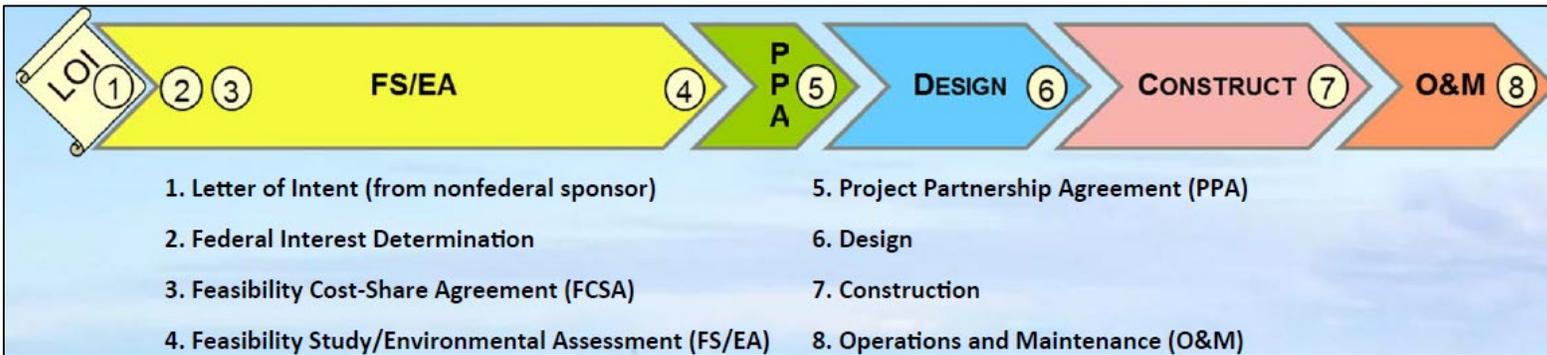
* The area below 6 feet above MHHW (mean higher high water) represents an area along tidally-influenced shorelines that is most vulnerable to flooding caused by storm surge, waves, and sea level rise on top of the normal astronomical tide.





CONTINUING AUTHORITIES PROGRAM (CAP)

- USACE has a **wide range of legislative authorities** under which the Corps is authorized to plan, design, and construct certain water resources projects
- These authorities are targeted at **small to mid-size projects** specifically developed to aid municipalities, counties and non-federal agencies
- Local sponsor **cost share amount varies** per authority and work in kind is available



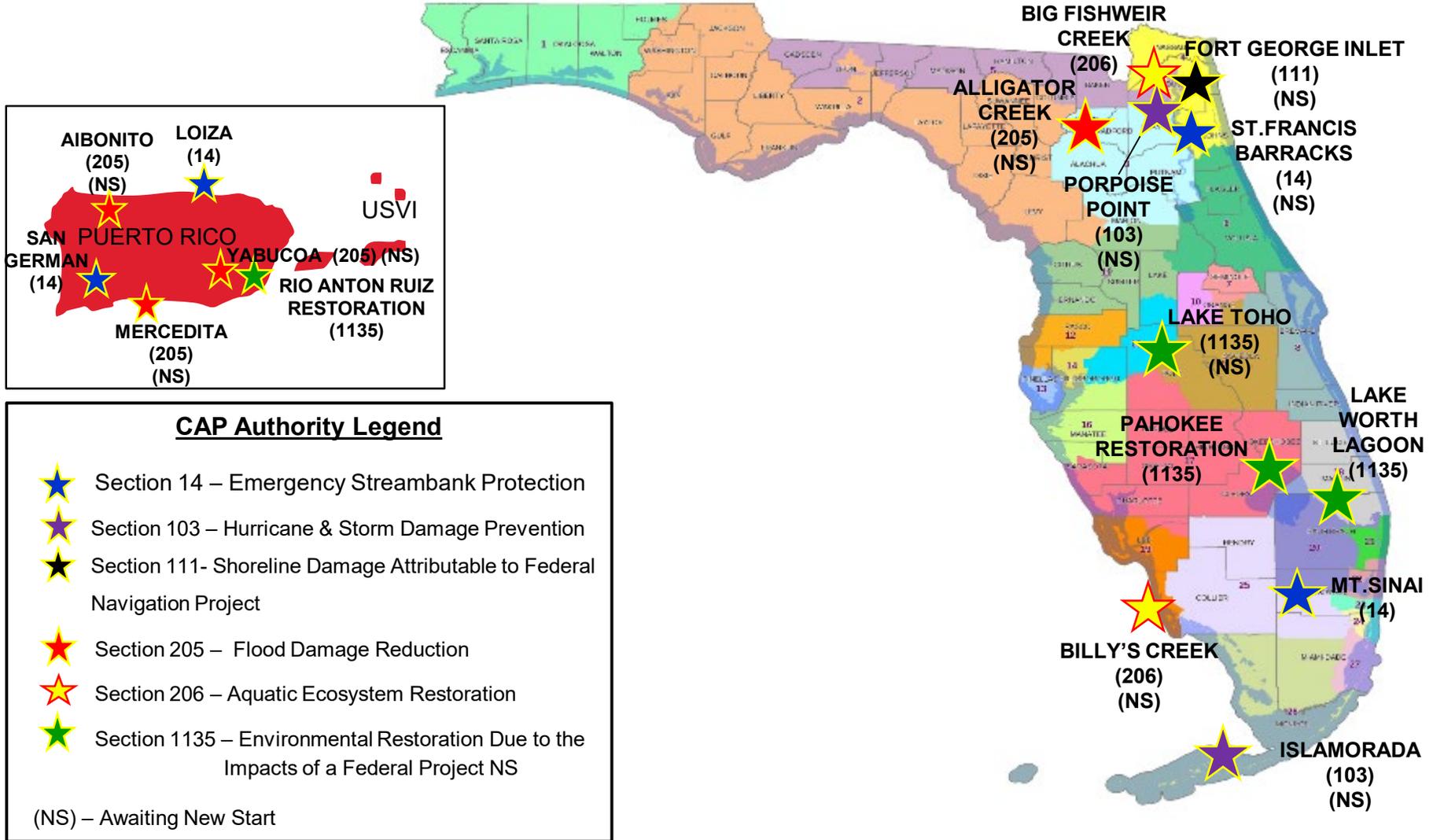
- For more information on opportunities in existing project areas please contact your Project Manager
- For new project areas please reach out to **Jim Suggs (Jim.L.Suggs@usace.army.mil)**

Available Authorities

Section 14 - Emergency Streambank and Shoreline Protection
Section 107 - Navigation Improvements.....
Section 103 - Beach Erosion and Hurricane and Storm Damage Reduction.....
Section 111 - Shore Damage Prevention or Mitigation of Damages Caused by Federal Navigation Projects.....
Section 204 - Beneficial Use of Dredged Material.....
Section 205 - Flood Control.....
Section 206 - Aquatic Habitat Ecosystem Restoration.....
Section 1135 - Project Modifications.....
Floodplain Management Services.....
Emergency Readiness, Response and Recovery Program.....
Hurricane Evacuation Studies.....
Planning Assistance to States and Tribes.....
Environmental Infrastructure, Resource Protection and Development Program.....
Estuary Habitat Restoration Program.....



Jacksonville District Active CAP Projects





FUNDING OVERVIEW

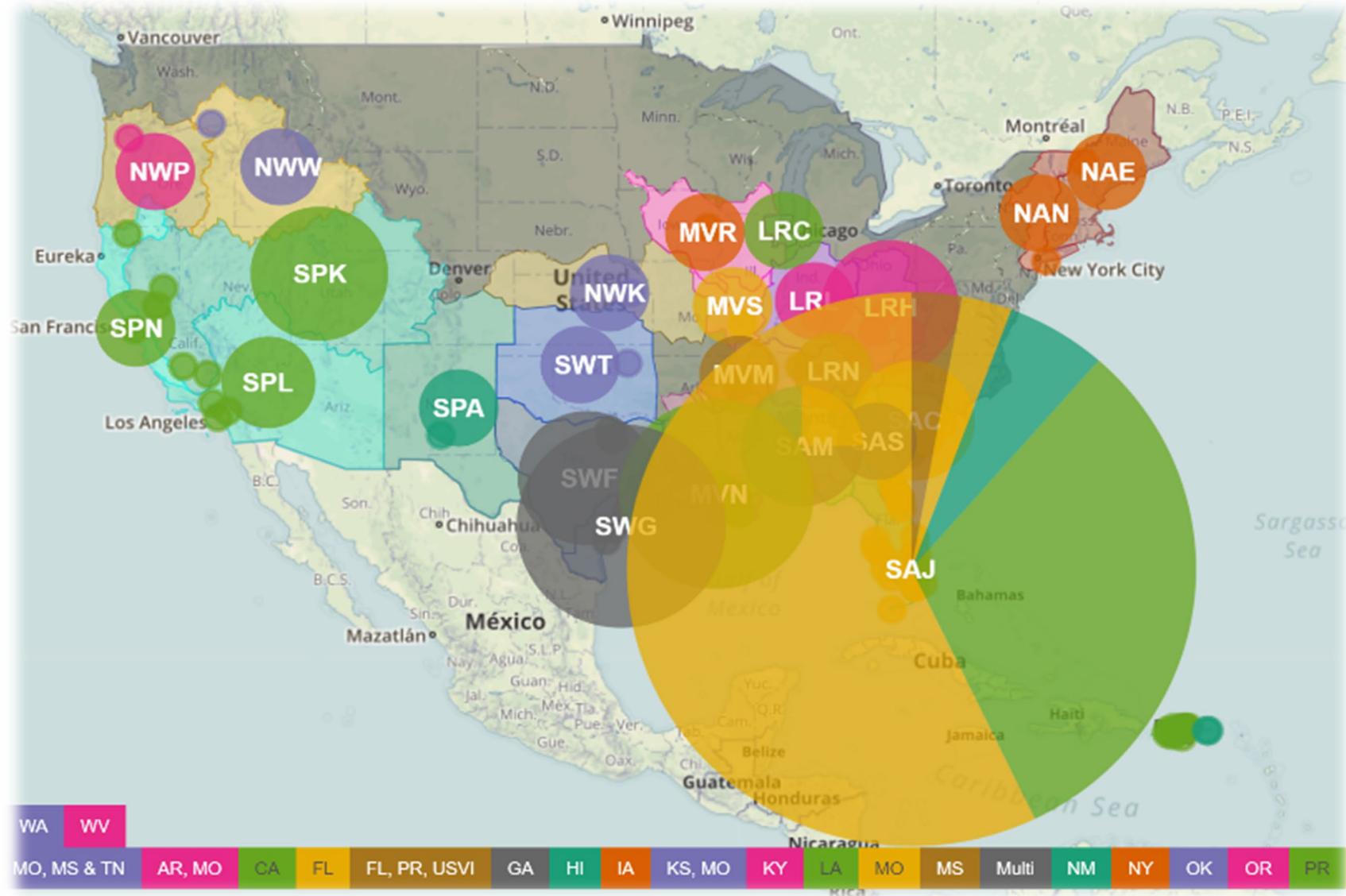


SAJ = BILLION DOLLAR ANNUAL PROGRAM





Jacksonville's Program is Significant





JACKSONVILLE DISTRICT FUNDING

FY 2020 NAVIGATION



	INCLUDED FY20 PBUD	FY20 ALLOCATIONS (REGULAR FUNDS)	ALLOCATIONS (SUPPLEMENTAL FUNDS)			GRAND TOTAL
			P.L. 115-123	P.L. 116-20	TOTAL SUPP	
CONSTRUCTION						
Jacksonville Harbor Deepening	N	\$ 57,543,000	\$ -		\$ -	\$ 57,543,000
Port Everglades Harbor, FL	N	\$ 29,100,000	\$ -		\$ -	\$ 29,100,000
TOTAL CONSTRUCTION		\$ 86,643,000	\$ -		\$ -	\$ 86,643,000
O&M						
Anclote River, FL	N		\$ 4,505,936		\$ 4,505,936	\$ 4,505,936
Brevard County, FL North Reach O&M	N	\$ 5,513,000		\$ 6,113,000	\$ 6,113,000	\$ 11,626,000
Canaveral Harbor, FL	Y	\$ 355,000	\$ 4,500,000		\$ 4,500,000	\$ 4,855,000
Canaveral Harbor, FL (Sand Bypass)	N		\$ 3,500,000		\$ 3,500,000	\$ 3,500,000
Canaveral Lock, FL	Y	\$ 2,139,000				\$ 2,139,000
Fernandina Harbor, FL	N	\$ 6,550,000			\$ -	\$ 6,550,000
Fort Myers Beach, FL	N		\$ 400,000	\$ 3,900,000	\$ 4,300,000	\$ 4,300,000
GIWW Caloosahatchee to Anclote River	N					\$ -
Horseshoe Cove, FL	N		\$ 3,000,000		\$ 3,000,000	\$ 3,000,000
IWW: Jacksonville to Miami, FL	Y	\$ 5,100,000	\$ 300,000	\$ 7,450,000	\$ 7,750,000	\$ 12,850,000
Jacksonville Harbor, FL	Y	\$ 13,310,000			\$ -	\$ 13,310,000
Manatee Harbor, FL	Y	\$ 2,730,000	\$ 3,000,000		\$ 3,000,000	\$ 5,730,000
Miami Harbor, FL	Y	\$ 2,601,000	\$ 550,000		\$ 550,000	\$ 3,151,000
Naples to Big Marco Pass, FL	N		\$ 400,000	\$ 2,700,000	\$ 3,100,000	\$ 3,100,000
Palm Beach Harbor, FL	Y	\$ 3,970,000	\$ 500,000	\$ 4,500,000	\$ 5,000,000	\$ 8,970,000
Ponce de Leon Inlet, FL	N		\$ 200,000	\$ 8,700,000	\$ 8,900,000	\$ 8,900,000
Port Everglades Harbor, FL	Y	\$ 587,000			\$ -	\$ 587,000
Suwannee River, FL	N			\$ 390,000	\$ 390,000	\$ 390,000
Tampa Harbor, FL	Y	\$ 8,530,000	\$ 5,000,000		\$ 5,000,000	\$ 13,530,000
TOTAL O&M		\$ 51,385,000	\$ 25,555,936	\$ 26,303,000	\$ 51,858,936	\$ 103,243,936
GRAND TOTAL		\$ 138,028,000	\$ 25,555,936	\$ 26,303,000	\$ 51,858,936	\$ 189,886,936



JACKSONVILLE DISTRICT FUNDING

FY 2020 FLOOD RISK MANAGEMENT



	INCLUDED FY20 PBUD	FY20 ALLOCATIONS (REGULAR FUNDS)	ALLOCATIONS (SUPPLEMENTAL FUNDS) P.L. 115-123	GRAND TOTAL
INVESTIGATIONS				
Dade County, FL	N		\$ 1,500,000	\$ 1,500,000
Pinellas County, FL Feasibility Study	N		\$ 1,500,000	\$ 1,500,000
South Atlantic Coastal Study (FL, PR, USVI)	N		\$ 12,500,000	\$ 12,500,000
TOTAL INVESTIGATION		\$ -	\$ 15,500,000	\$ 15,500,000
CONSTRUCTION				
Brevard County, FL (South Reach Segment)	N		\$ 125,000	\$ 125,000
Broward County, FL	N		\$ 200,000	\$ 200,000
Dade County, FL	N		\$ 50,484,855	\$ 50,484,855
Duval County, FL	N		\$ 125,000	\$ 125,000
Flagler County, FL	N		\$ 1,450,000	\$ 1,450,000
Fort Pierce Beach, FL	N	\$ 7,560,000		\$ 7,560,000
Palm Beach County, FL	N		\$ 200,000	\$ 200,000
Palm Beach County (Mid-Town Segment)	N		\$ 11,719,706	\$ 11,719,706
Lee County (Gasparilla), FL	N		\$ 200,000	\$ 200,000
Manatee County, FL	N		\$ 10,536,000	\$ 10,536,000
Nassau County, FL	N		\$ 125,000	\$ 125,000
Sarasota Lido Key, FL	N	\$ 1,297,000		\$ 1,297,000
St. Johns County, FL	N		\$ 200,000	\$ 200,000
St. Johns County (Vilano Segment), FL	N		\$ 10,681,860	\$ 10,681,860
Sarasota County (Venice), FL	N		\$ 200,000	\$ 200,000
St. Lucie County (South Segment), FL	N		\$ 450,000	\$ 450,000
TOTAL CONSTRUCTION		\$ 8,857,000	\$ 86,697,421	\$ 95,554,421
O&M				
CENTRAL & SOUTHERN FLORIDA, FL (Boat Barrier)	N		100,000	100,000
CENTRAL & SOUTHERN FLORIDA, FL (Gages)	N		167,000	167,000
CENTRAL & SOUTHERN FLORIDA, FL (Taylor Creek)	N		1,490,000	1,490,000
CENTRAL & SOUTHERN FLORIDA, FL (Harney Pond)	N		5,083,000	5,083,000
CENTRAL & SOUTHERN FLORIDA, FL (Indian Prairie)	N		8,200,000	8,200,000
TOTAL O&M		-	15,040,000	15,040,000
GRAND TOTAL		8,857,000	117,237,421	126,094,421



JACKSONVILLE DISTRICT FUNDING

FY 2020 FLOOD CONTROL & COASTAL EMERGENCIES (FCCE)

013045 - BREVARD COUNTY, FL, South Reach	\$11,976,000
074361 - BROWARD COUNTY, FL (Segment II)	\$29,237,000
074361 - BROWARD COUNTY, FL (Segment III)	\$66,838,000
074364 - DUVAL COUNTY, FL	\$16,500,000
074974 - LEE COUNTY, FL	\$7,171,000
074382 - PALM BEACH COUNTY, FL (Jupiter Carlin)	\$16,458,000
074382 - PALM BEACH COUNTY, FL (Delray Beach)	\$8,285,000
074382 - PALM BEACH COUNTY, FL (North Boca)	\$13,815,000
074382 - PALM BEACH COUNTY, FL (Ocean Ridge)	\$8,955,000
	\$179,235,000



GREAT PEOPLE WORKING TOGETHER MAKING IT HAPPEN!

