

# SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) PROGRAM

Program & Project Update  
SFER Task Force

Howard Gonzales Jr.  
U.S. Army Corps of Engineers, Jacksonville District

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# **SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM**

## **Purpose and Agenda**

The purpose of this briefing is to provide participants with an overview and update on the status of the South Florida Ecosystem Restoration (SFER) program and key projects.

### **Agenda:**

- Program Items
  - ▶ FY20 & FY21 Budget
  
- Project Items
  - ▶ Western Everglades Restoration Project (WERP)
  - ▶ Central Everglades Planning Project (CEPP)
  - ▶ Everglades Agricultural Area (EAA) Reservoir



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# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM FY20 & FY21 Budget

CONSTRUCTION		OPERATIONS & MAINTENANCE
\$200M	FY20 President's Budget	\$5.454M
\$35M	FY20 Work Plan	\$8.367M
\$235M	FY20 TOTAL	\$13.821M
\$250M	FY21 President's Budget*	\$10.052M

- = Details of the allocation by project are available in the recently-released Justification Sheet (J Sheet)
- <https://www.usace.army.mil/Missions/Civil-Works/Budget/>



# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## FY21 Budget Review

<b>CONSTRUCTION</b>	
<b>Non-CERP</b>	
Canal 111 (C-111) South Dade	\$ 2,100,000
Kissimmee River Restoration (KRR)	\$ 3,000,000
<b>Non-CERP Subtotal</b>	<b>\$ 5,100,000</b>
<b>CERP</b>	
CERP - Caloosahatchee River (C-43) West Basin Storage Reservoir	\$ 1,000,000
CERP - Indian River Lagoon South (IRL-S)	\$ 150,250,000
CERP - Picayune Strand Restoration Project (PSRP)	\$ 4,549,200
CERP - Biscayne Bay Coastal Wetlands (BBCW)	\$ 7,115,000
CERP - Broward County Water Preserve Areas (BCWPA)	\$ 1,200,000
CERP - Central Everglades Planning Project (CEPP)	\$ 50,610,000
CERP – Everglades Agricultural Area (EAA)	\$ 18,050,800
CERP - CERP Design and Program Management	\$ 12,125,000
<b>CERP Subtotal</b>	<b>\$ 244,900,000</b>
<b>CONSTRUCTION TOTAL</b>	<b>\$ 250,000,000</b>
<b>OPERATIONS &amp; MAINTENANCE</b>	<b>\$ 10,052,000</b>

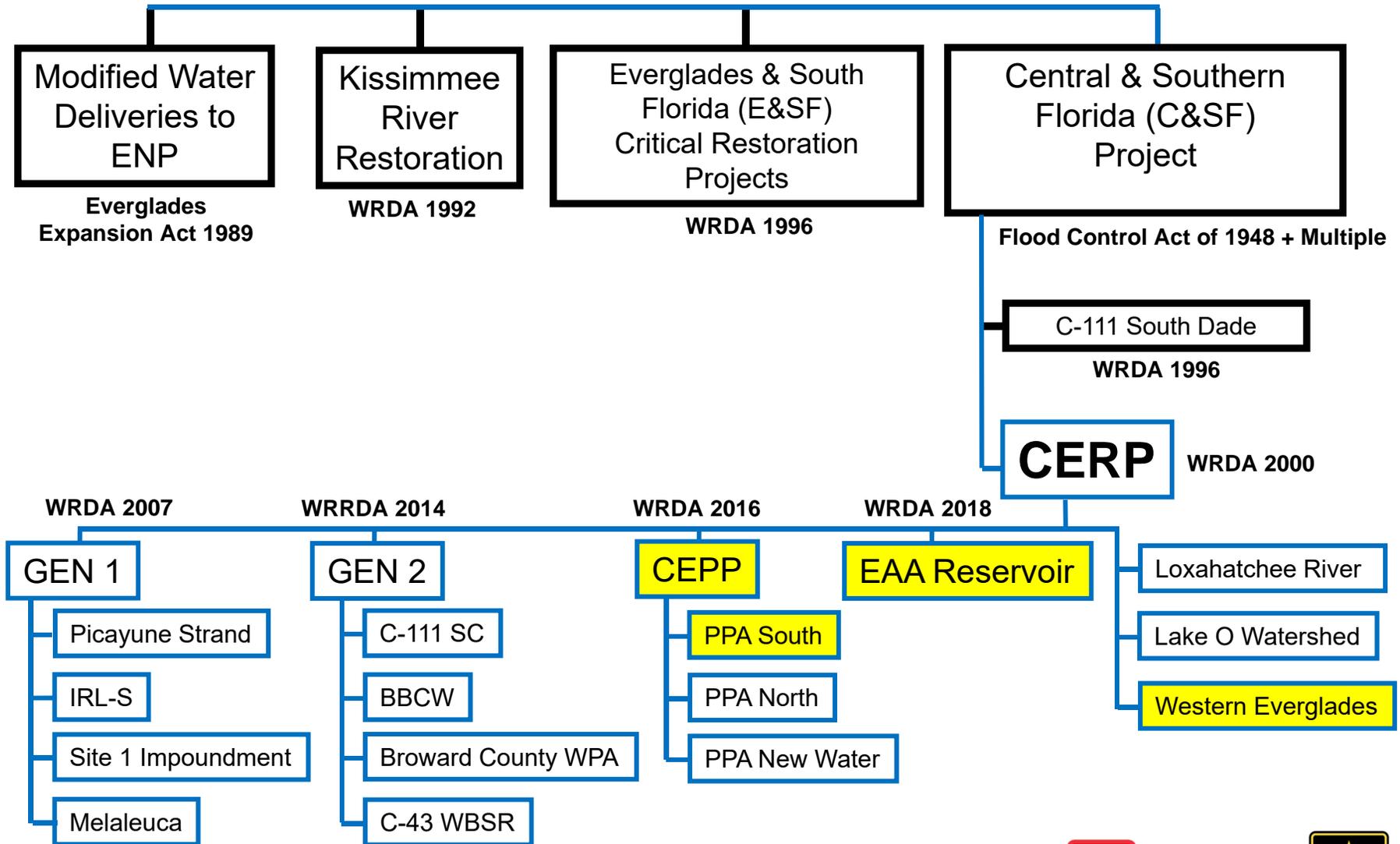


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# SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) PROGRAM

## Program Structure



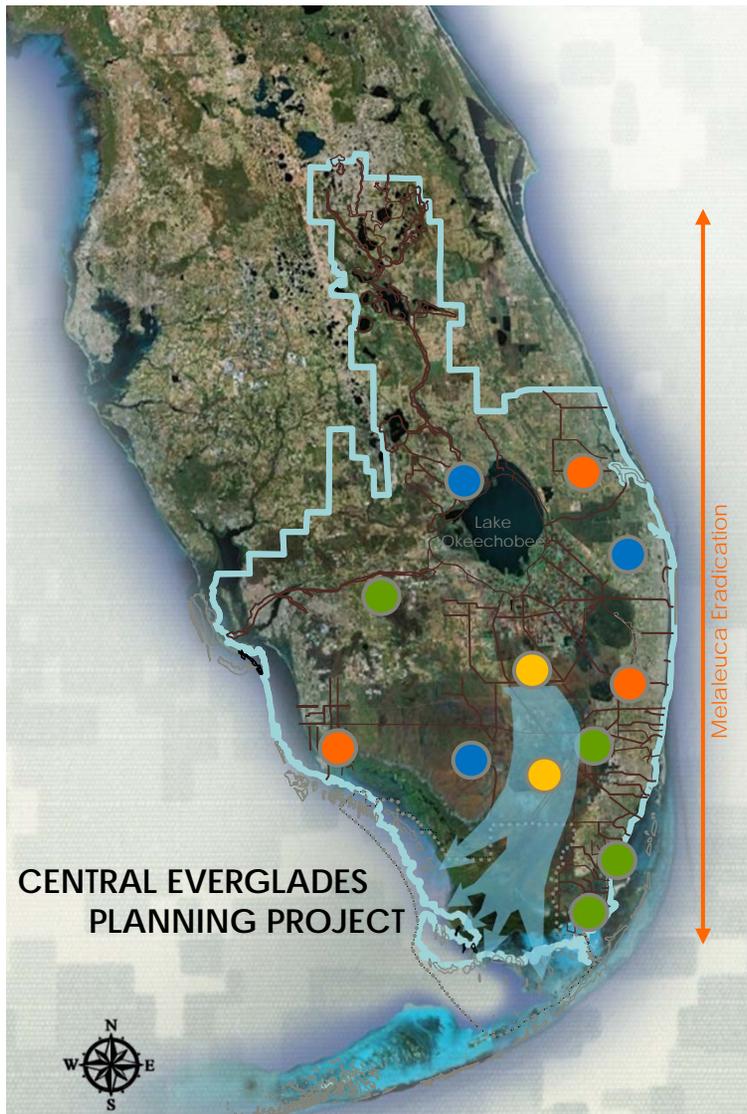
**CERP** – Comprehensive Everglades Restoration Plan  
**GEN** – Generation; linked to Authorization  
**CEPP** – Central Everglades Planning Project

Foundation Projects



# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Comprehensive Everglades Restoration Plan (CERP)



### 1<sup>st</sup> Generation

Site 1 Impoundment  
Indian River Lagoon – South (IRL-S)  
Picayune Strand Restoration Project  
Melaleuca Eradication and Other Exotic Plants

### 2<sup>nd</sup> Generation

C-43 West Basin Storage Reservoir  
C-111 Spreader Canal Western Project  
Biscayne Bay Coastal Wetlands  
Broward County Water Preserve Area

### Central Everglades Planning Project

### EAA Reservoir

### CERP Planning/Design

Loxahatchee River Watershed Restoration  
Lake Okeechobee Watershed Restoration  
Western Everglades Restoration



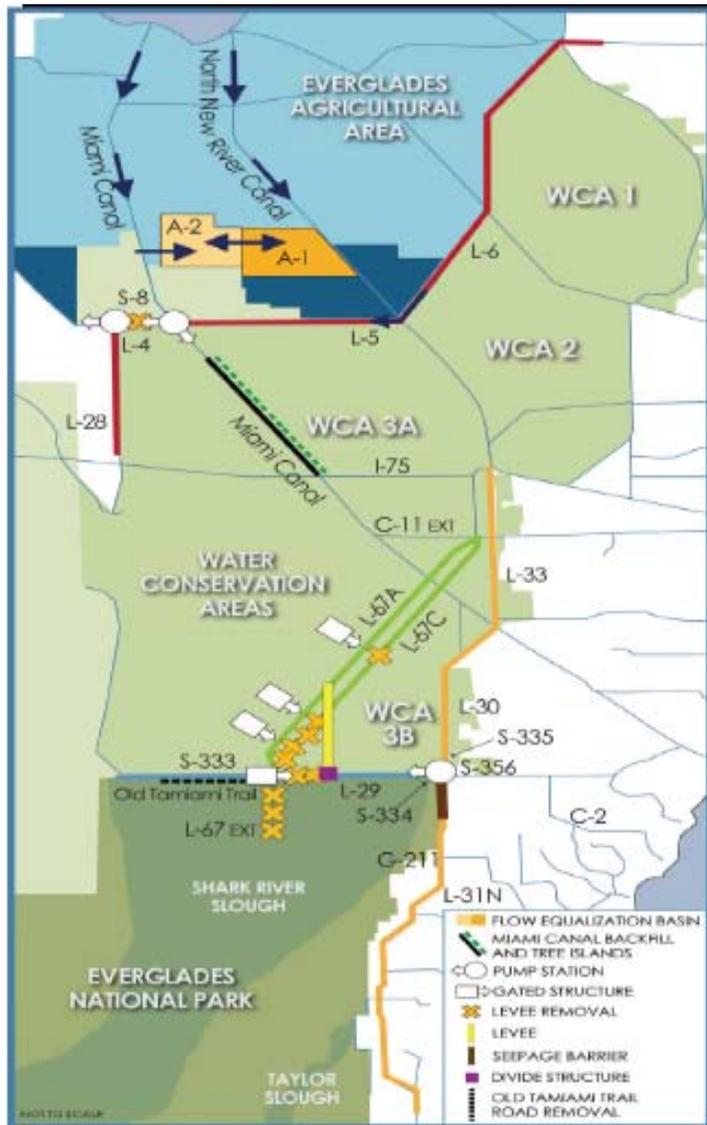
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## CERP: Central Everglades Planning Project (CEPP)



CEPP focuses restoration on more natural flows into and through the central and southern Everglades by increasing storage, treatment and conveyance of water south of Lake Okeechobee; removing canals and levees within the central Everglades, and retaining water within Everglades National Park

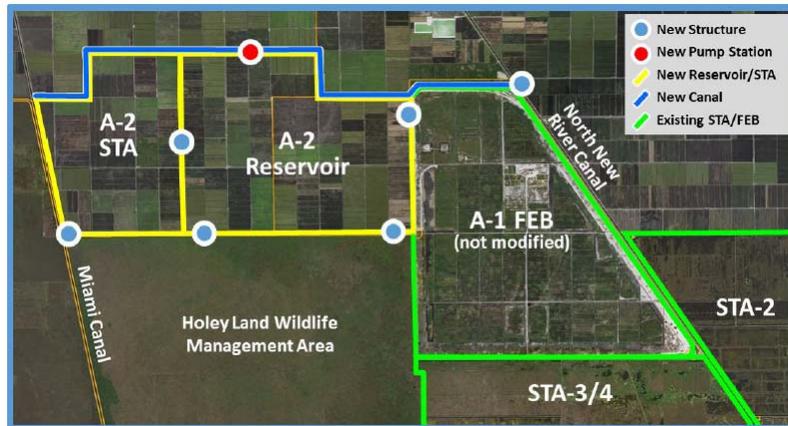
### Status:

- New Start confirmed for FY20
- PPA execution in July 2020
- CEPP South
  - SFWMD engaging design and construction of features
  - SAJ construction contract award in September 2020
- SAJ scheduled to award construction contracts in 2020, 2021, and 2022
- COP progress and completion required for implementation



# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## CERP: Everglades Agricultural Area (EAA)



### Everglades Agricultural Area (EAA)

#### Features:

- A-2 Reservoir: 10,500 acres with 240,000 acre-foot storage at ~23 feet deep
- A-2 Stormwater Treatment Area (STA): 6,500 acres
- Adds 160,000 to CEPP's 210,000 for a total of 370,000 average annual acre-feet of new water flowing through to the central Everglades

The purpose of Everglades Agricultural Area (EAA) is to improve the quantity, quality, timing, and distribution of water flows to the central Everglades (Water Conservation Area 3 (WCA-3) and Everglades National Park (ENP)).

#### Status:

- Authorized in WRDA 2018 (Section 1308)
- SFWMD design efforts ongoing; construction efforts initiated 20 April 2020
- USACE design efforts ongoing; awaiting construction funding and approval to execute Project Partnership Agreement (PPA) and award construction contract



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