

# SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) PROGRAM

## Joint Working Group / Science Coordination Group Meeting Program and Project Briefing

**Michael J. Collis, PMP**

Senior Program Manager

Jacksonville District

U.S. Army Corps of Engineers

21 March 2016



*Trusted Partners Delivering Value,  
Today and Tomorrow*



US Army Corps of Engineers  
**BUILDING STRONG**





# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Purpose and Presentation Outline



BUILDING STRONG

The purpose of this brief is to provide an update to the Working Group on the state of the South Florida Ecosystem Restoration Program

- 1) SFER Program Overview
- 2) SFER Foundation Projects
- 3) SFER CERP Gen 1 Projects
- 4) SFER CERP Gen 2 Projects
- 5) SFER CERP Planning Efforts
- 6) FY16 Budget and FY17 President's Budget



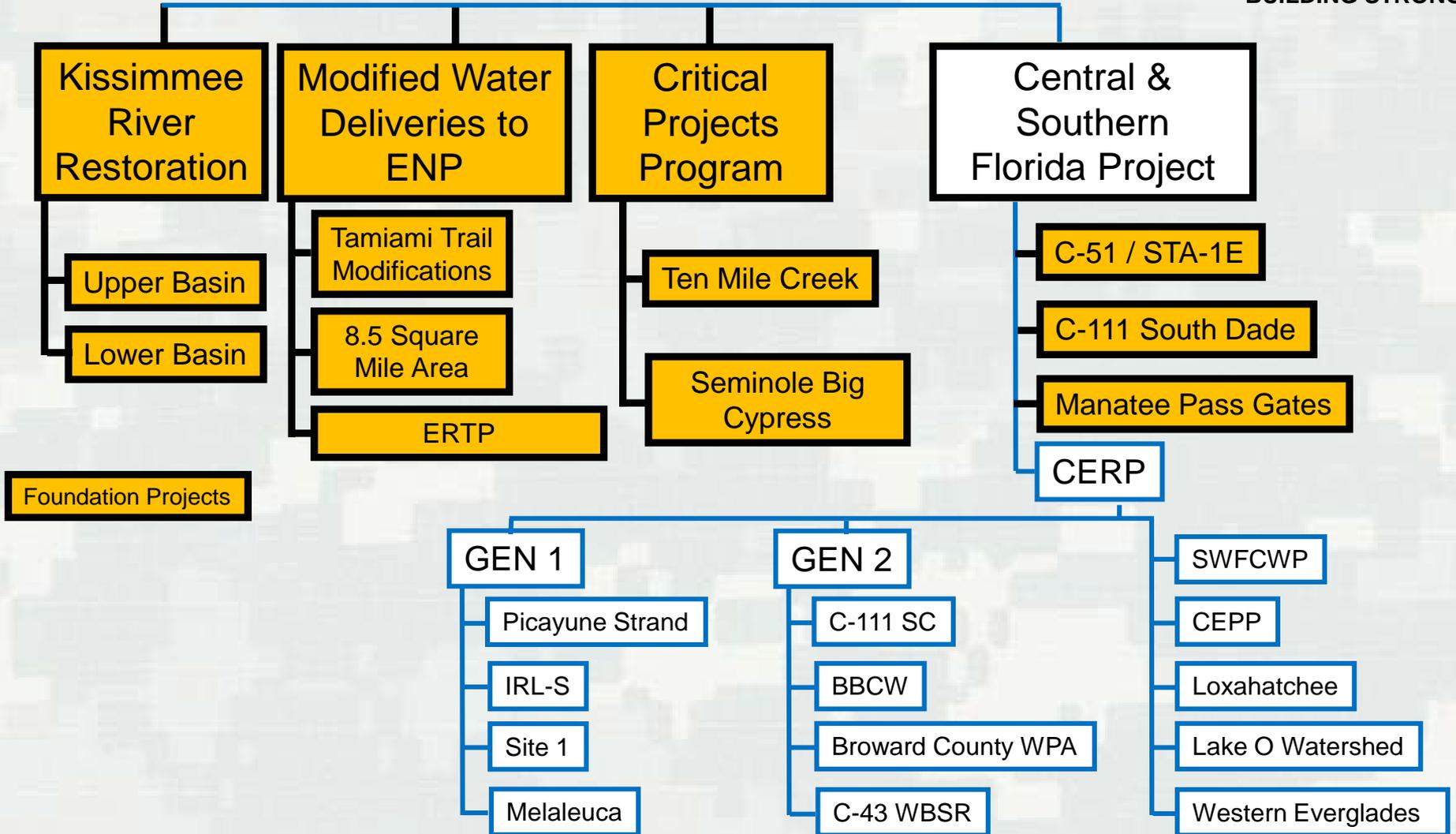
U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Program Overview



BUILDING STRONG



Foundation Projects

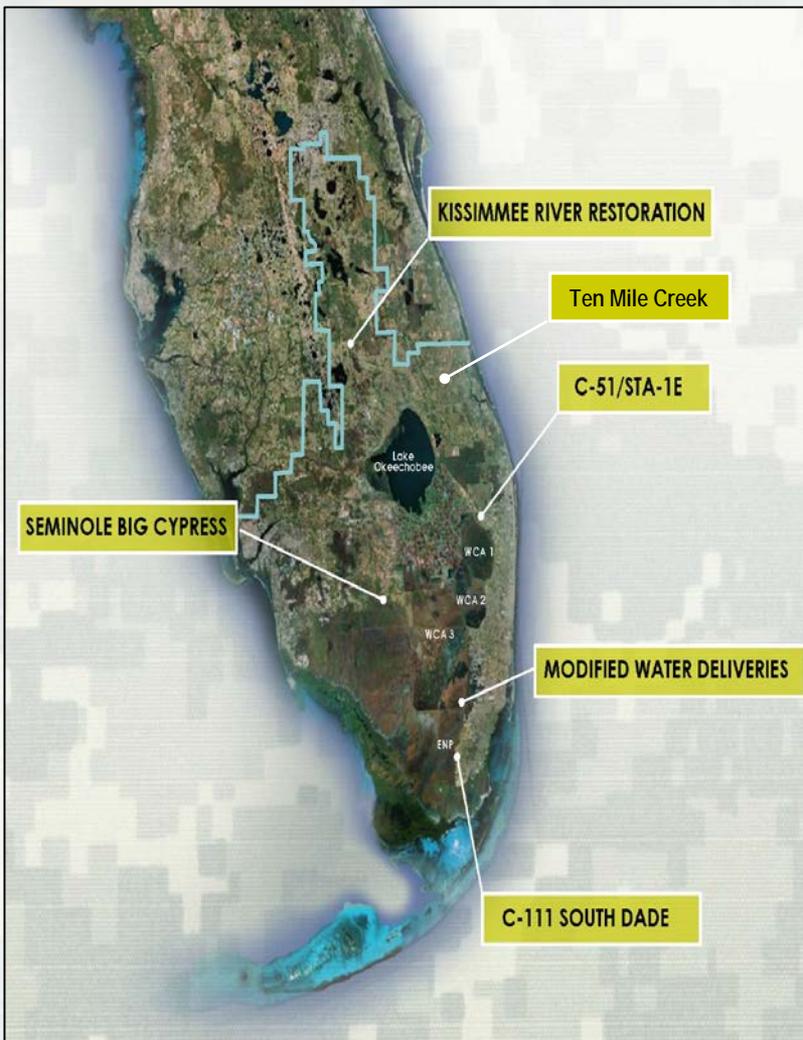


U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM Foundation Projects



BUILDING STRONG



1. Kissimmee River Restoration
  - Post Authorization Change Report (PACR) has been drafted and is being coordinated with the Corps vertical team
  - Canal 38 Reach 2 Backfill (Contract 10) is scheduled for award in July 2016
2. Ten Mile Creek
  - Congress directed the Corps to transfer this project to the SFWMD
  - Transfer is scheduled to be complete no later than 15 June 2016
3. West Palm Beach Canal – C-51/STA 1E
  - Corps continues to make progress on culvert repairs and gate repairs, and construction completion is scheduled for 2019

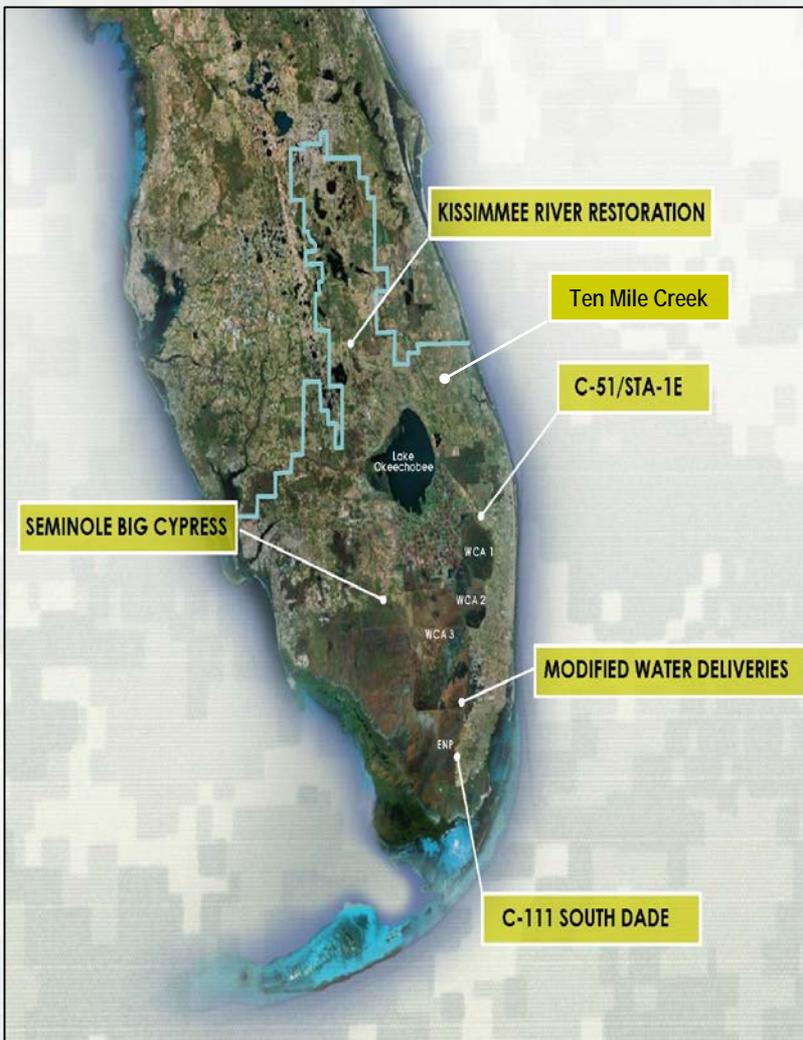


U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM Foundation Projects



BUILDING STRONG



4. Modified Water Deliveries to ENP
  - S-357N & C-358 construction ongoing and scheduled to be complete November 2016
  - Increment 1 testing was started; the current emergency deviation related to high water in WCA 3 is allowing the effort to collect data over and above what was planned
5. Canal 111 (C-111) South Dade
  - North Detention Area (Contract 8) construction ongoing and scheduled to be complete August 2017
  - Contract 8a and 9 features are scheduled for award September 2016
  - In 2016, SAJ and SFWMD will begin a Post Authorization Change Report for replacement of Pump Stations 332B and 332C, and to evaluate the O&M cost share for the project
6. Seminole Big Cypress
  - Project Cooperation Agreement Amendment to remove Basin 3 is scheduled for 13 June 2016

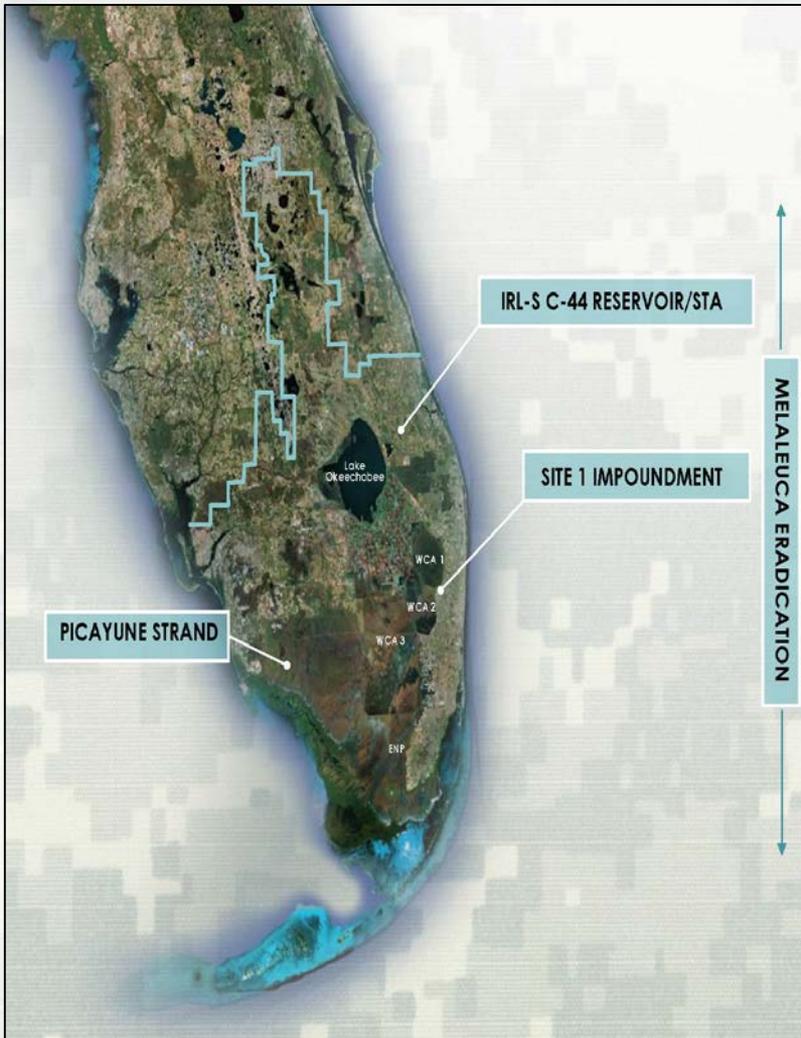


# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Comprehensive Everglades Restoration Plan – Gen 1



BUILDING STRONG



1. Indian River Lagoon - South
  - SAJ and SFWMD construction ongoing
  - Constructed features are in the process of being transferred into O&M
2. Site 1 Impoundment
  - Site 1 Phase 1 is in its operational testing and monitoring period
  - The project is scheduled to go into O&M phase in September 2016
3. Picayune Strand Restoration
  - The project's Post Authorization Change Report is under administration review
  - The report is a priority and needs to be authorized in the Water Resources Development Act of 2016
  - Construction ongoing at Faka and Miller Pump Stations
4. Melaleuca Eradication
  - Fully in O&M phase



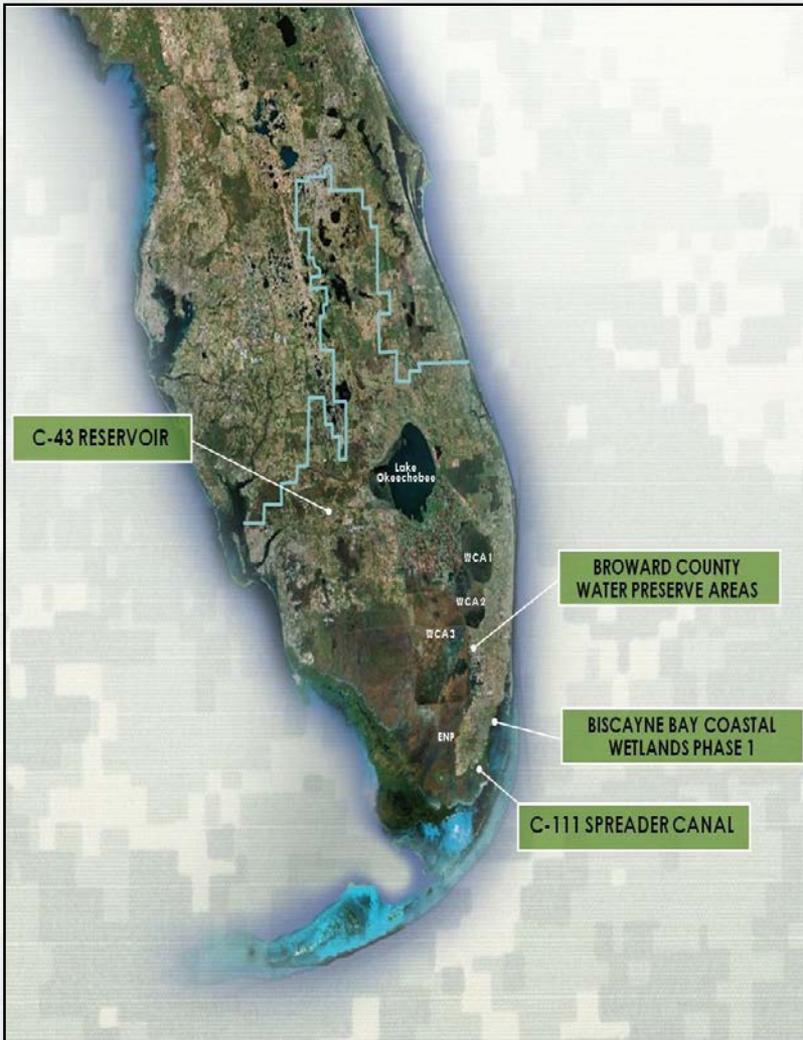
U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Comprehensive Everglades Restoration Plan – Gen 2



BUILDING STRONG



1. Broward County Water Preserve Areas
  - Corps is developing plans and specs for the North Mitigation Area A and C-11 Impoundment
  - The Project Partnership Agreement (PPA) is being drafted; the Corps and SFWMD will execute it as soon as approved to do so
2. Biscayne Bay Coastal Wetlands Phase 1
  - Plans and specs are under development for the L-31E Flowway
  - The PPA is being drafted; the Corps and SFWMD will execute it as soon as approved to do so
3. C-111 Spreader Canal Western Project
  - SFWMD continues to monitor its constructed features
  - The PPA is scheduled to be executed in 2018
4. Caloosahatchee River (C-43) West Basin Storage Reservoir
  - SFWMD is moving out with construction
  - The PPA is scheduled to be executed in May 2016



# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Comprehensive Everglades Restoration Plan – Planning Efforts



BUILDING STRONG

### 1. Central Everglades Project

- The project name will be modified to reflect that it is no longer in the planning phase
- Pre-Partnership Credit Agreement is scheduled for execution in May 2016
- SFWMD is moving out with removal of Old Tamiami Trail

### 2. Loxahatchee River Watershed

- The first major milestone is scheduled to be reached on 25 April 2016
- This will consist of the way forward on continuing analysis and evaluation of the array of alternatives

### 3. Lake Okeechobee Watershed & Western Everglades

- Corps is approved to move forward with these studies in FY16; work is scheduled to start in the 4<sup>th</sup> quarter

### 4. Southwest Florida Comprehensive Watershed Plan

- This report has been approved and is available on the Corps website and the The Official Website for Everglades Restoration

<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

<http://www.evergladesrestoration.gov/>



U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## FY16 Budget & FY17 President's Budget



BUILDING STRONG

### CONSTRUCTION

### FY16 Allocation

### FY16 Workplan

### FY17

#### **C&SF - Non-CERP**

C&SF:USJ	\$334,448	\$0	\$0
C&SF:West Palm Beach (C-51)	\$1,000,000	\$0	\$1,000,000
C&SF:South Dade County (C-111)	\$22,741,000	\$0	\$13,792,000
C&SF:MPG	<u>\$25,000</u>	<u>\$0</u>	<u>\$0</u>
<b>C&amp;SF - Non-CERP TOTAL</b>	<b>\$24,100,448</b>	<b>\$0</b>	<b>\$14,792,000</b>

#### **C&SF - CERP**

C&SF:CERP:Indian River Lagoon South	\$45,623,552	\$0	\$59,521,000
C&SF:CERP:Picayune Strand	\$6,875,000	\$0	\$4,657,000
C&SF:CERP:Site 1 Impoundment	\$0	\$0	\$0
C&SF:Melaleuca Eradication	\$25,000	\$0	\$0
C&SF:CERP:Caloosahatchee WBSR (C-43)	<u>\$1,600,000</u>	<u>\$0</u>	<u>\$500,000</u>
<b>C&amp;SF - CERP TOTAL</b>	<b>\$54,123,552</b>	<b>\$0</b>	<b>\$64,678,000</b>

<b>Kissimmee River Restoration</b>	<b>\$29,644,000</b>	<b>\$0</b>	<b>\$15,778,000</b>
------------------------------------	---------------------	------------	---------------------



U.S. ARMY

# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## FY16 Budget & FY17 President's Budget



BUILDING STRONG

<u>CERP DESIGN</u>	<u>FY16 Allocation</u>	<u>FY16 Workplan</u>	<u>FY17</u>
C&SF:CERP:PLA AA&M	\$4,000,000	\$0	\$4,000,000
C&SF:CERP:Biscayne Bay Coastal Wetlands	\$2,600,000	\$0	\$0
C&SF:CERP:Broward County WPA	\$2,900,000	\$0	\$0
C&SF:CERP:C-111 Spreader Canal	\$75,000	\$0	\$75,000
C&SF:CERP:Loxahatchee River Watershed	\$1,424,000	\$0	\$952,000
C&SF:CERP:Lake O Watershed	\$150,000	\$0	\$800,000
C&SF:CERP:Western Everglades	\$150,000	\$0	\$800,000
C&SF:CERP:PLA IMC	\$750,000	\$0	\$500,000
C&SF:CERP:PLA Outreach	\$25,000	\$0	\$25,000
C&SF:CERP:PLA IDM	\$400,000	\$0	\$200,000
C&SF:CERP:PLA RECOVER	\$1,400,000	\$0	\$1,400,000
C&SF:CERP:PLA Program Management	<u>\$2,000,000</u>	<u>\$0</u>	<u>\$2,000,000</u>
<b>C&amp;SF - CERP TOTAL</b>	<b>\$15,874,000</b>	<b>\$0</b>	<b>\$10,752,000</b>
<b>TOTAL (CONSTRUCTION AND DESIGN)</b>	<b>\$123,742,000</b>	<b>\$0</b>	<b>\$106,000,000</b>
<b>OPERATION &amp; MAINTENANCE TOTAL</b>	<b>\$6,970,000</b>	<b>\$6,950,000</b>	<b>\$299,000</b>



# SOUTH FLORIDA ECOSYSTEM RESTORATION PROGRAM

## Strategic Communication and Engagements



BUILDING STRONG

The Jacksonville District and the South Florida Water Management District engage in several forums for the purpose of furthering Everglades Restoration. Communication between the SFWMD, Jacksonville District, and Corps Vertical Team is critical for success.

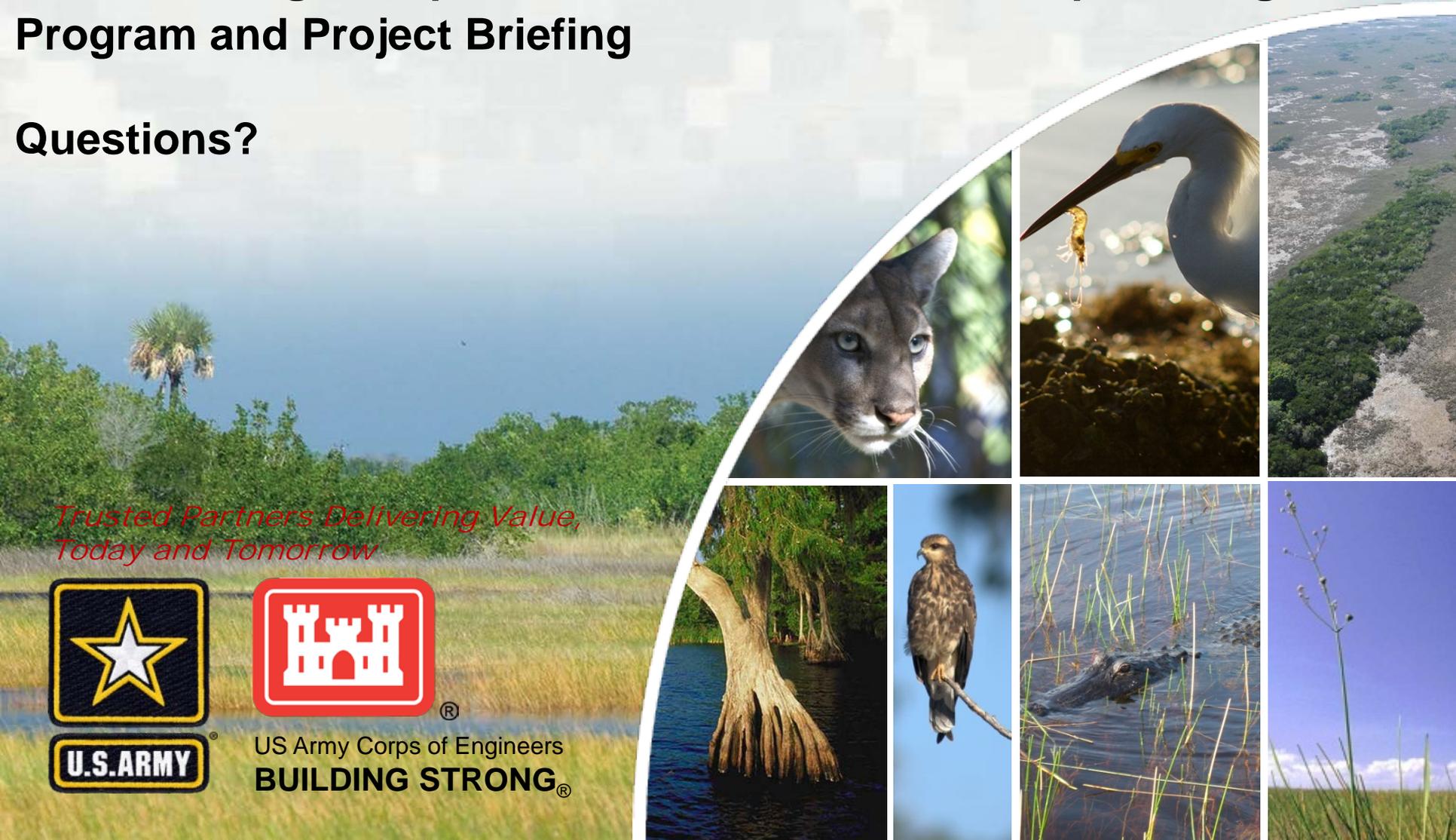
### Communication Forums

- Project Delivery Team Meetings
- Engineering Coordination Calls
- Design Coordination Team Meetings
- South Florida Ecosystem Restoration Coordination Calls & Meetings
- Quarterly Executive and Quarterly Agency Team Meetings
- Working Group / Science Coordination Group Meetings
- Task Force Meetings

# SOUTH FLORIDA ECOSYSTEM RESTORATION (SFER) PROGRAM

Joint Working Group / Science Coordination Group Meeting  
Program and Project Briefing

Questions?



*Trusted Partners Delivering Value,  
Today and Tomorrow*



US Army Corps of Engineers  
**BUILDING STRONG**