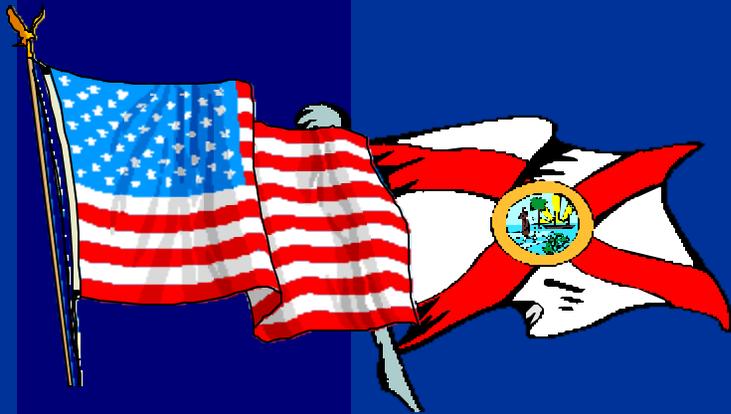




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COMPREHENSIVE EVERGLADES RESTORATION PLAN

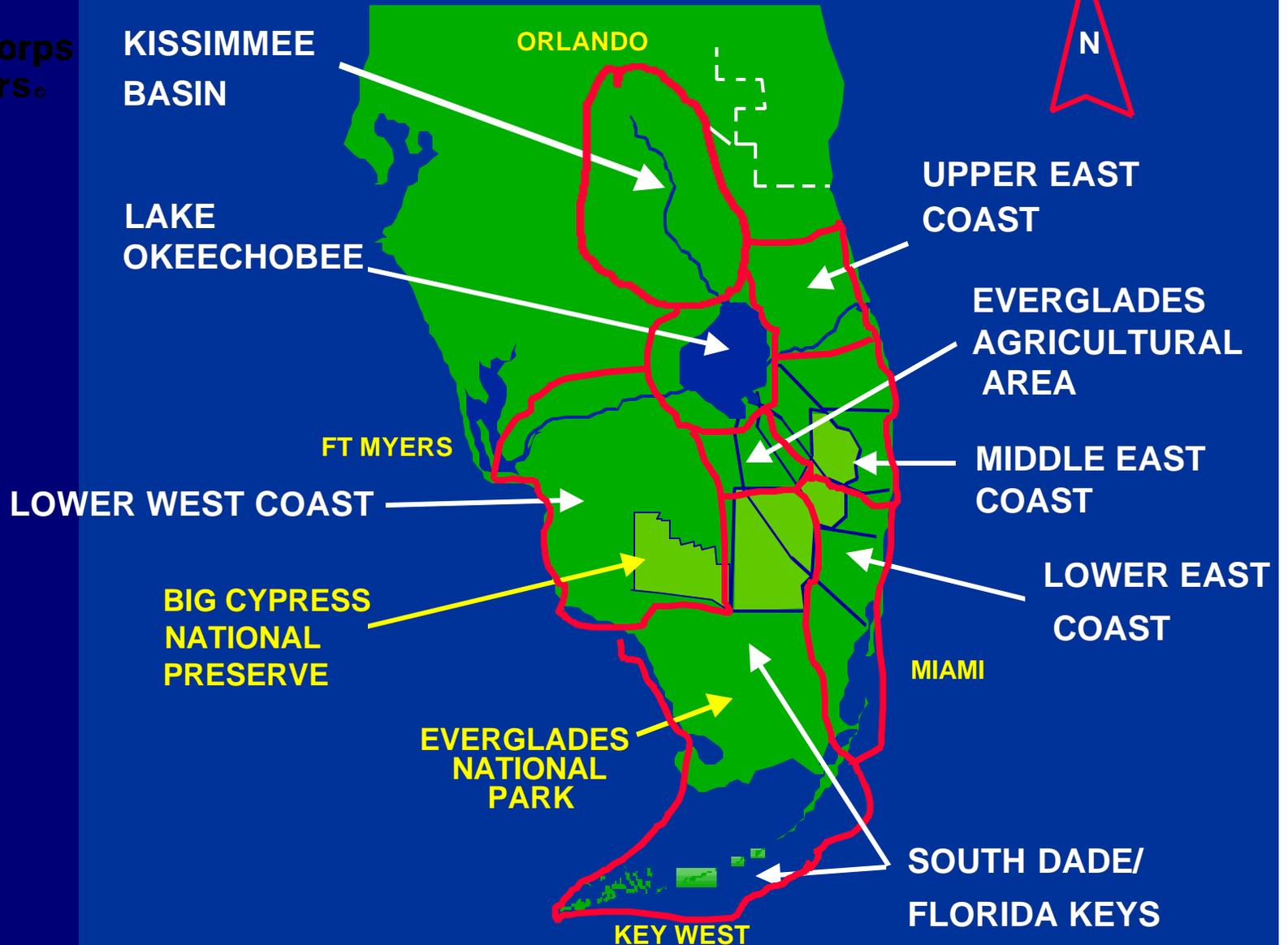


Dennis Duke
Jacksonville District

SOUTH FLORIDA REGIONS



**US Army Corps
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LAKE OKEECHOBEE ASR PILOT

**US Army Corps
of Engineers.**

- **Estimated 8 ASR wells at 4 sites**
- **Pump Plants, water treatment facilities, large diameter wells with monitoring wells**
- **Evaluate and refine large scale ASR**
- **Estimated Cost - \$19 million**
- **Status - PMP underway**

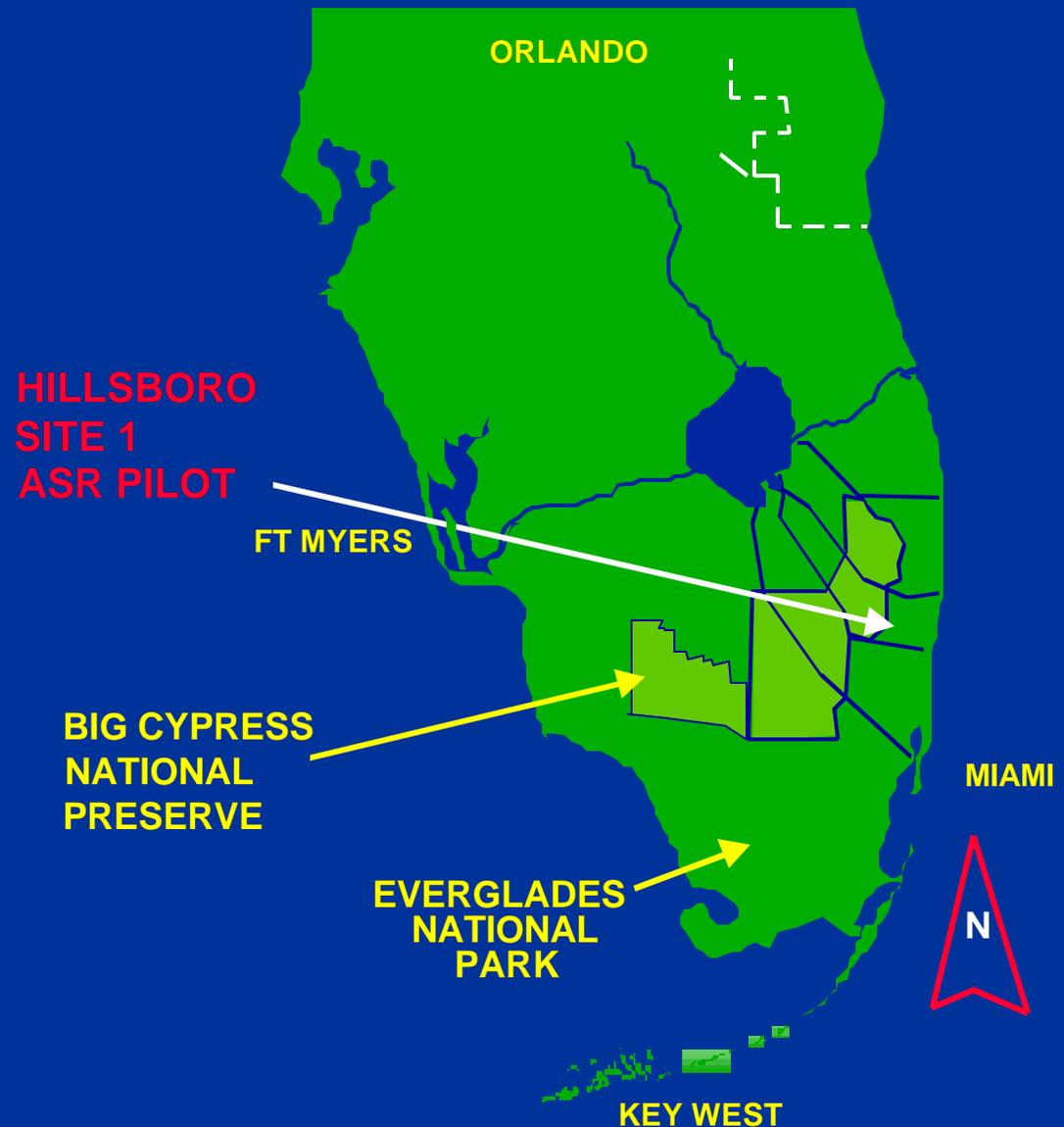


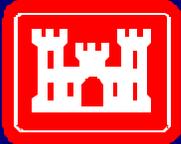


HILLSBORO SITE 1 ASR PILOT

**US Army Corps
of Engineers.**

- **Estimated 2-4 ASR wells at 4 sites**
- **Pump Plants, water treatment facilities, large diameter wells with monitoring wells**
- **Evaluate and refine large scale ASR**
- **Estimated Cost - \$9 million**
- **Status - PMP Underway**

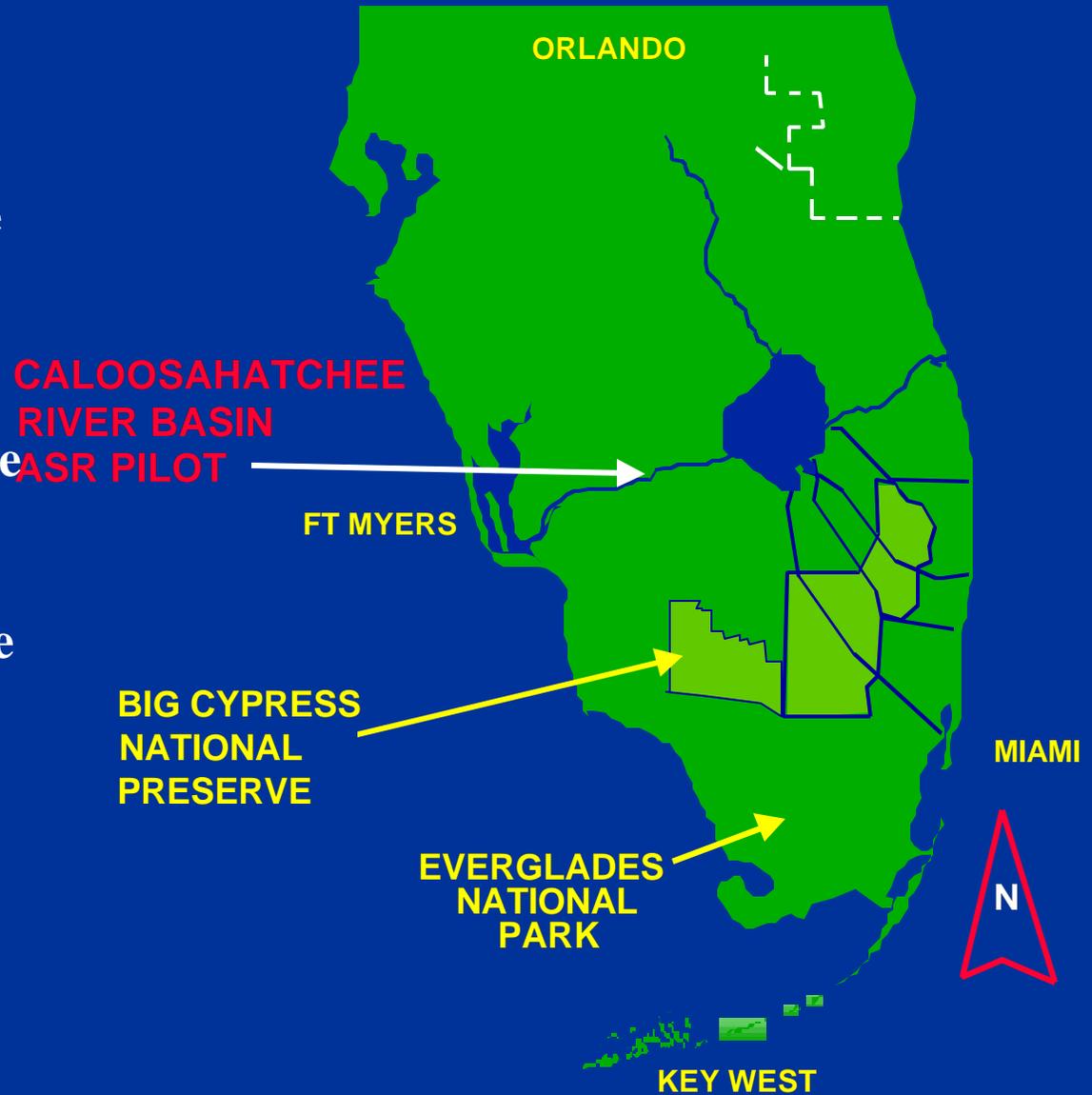




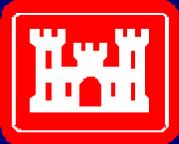
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of Engineers.**

- **Conceptual plan calls for ASR test wells in the Caloosahatchee Basin**
- **Pump Plants, water treatment facilities, large diameter wells with monitoring wells to evaluate and refine large scale ASR**
- **Estimated Cost - \$6 million**
- **Status - To start next spring**

CALOOSAHATCHEE RIVER ASR PILOT



L-31N LEVEE SEEPAGE MANAGEMENT PILOT



**US Army Corps
of Engineers.**

- Investigate seepage management technologies
- Reduce ground water loss to east while minimizing potential impacts to Miami-Dade County's West well field and freshwater flows to Biscayne Bay
- Estimated Cost - \$10 million
- Status - Initiating PMP

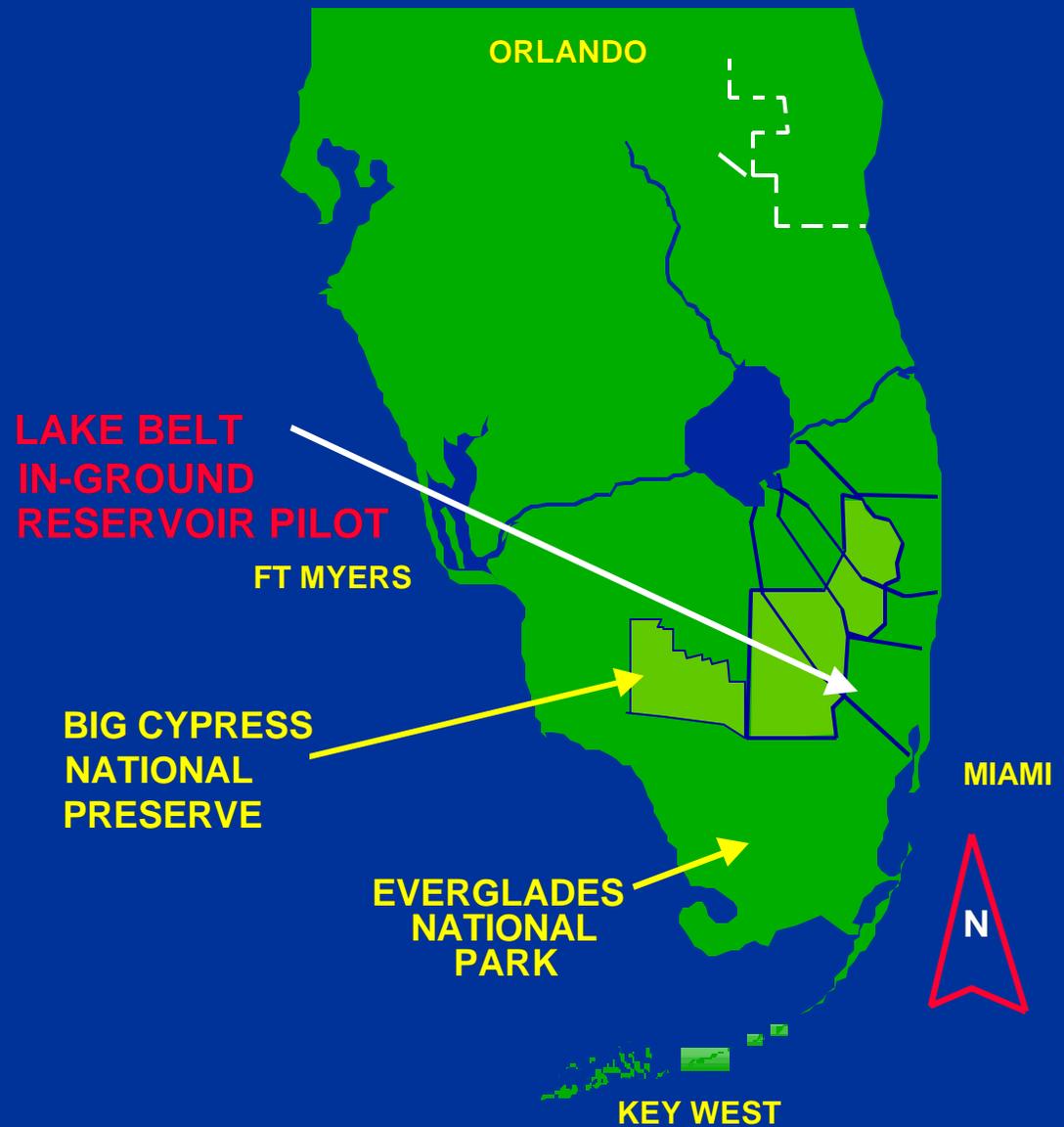


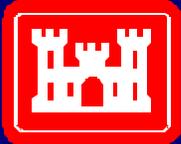
LAKE BELT IN-GROUND RESERVOIR PILOT



**US Army Corps
of Engineers.**

- Determine feasibility of using rock mine lakes as reservoirs that can be drawn down during dry periods without significant seepage losses and without impacting water quality due to transmissivity of aquifer
- Estimated Cost - \$10 million
- Status - Identifying PDT

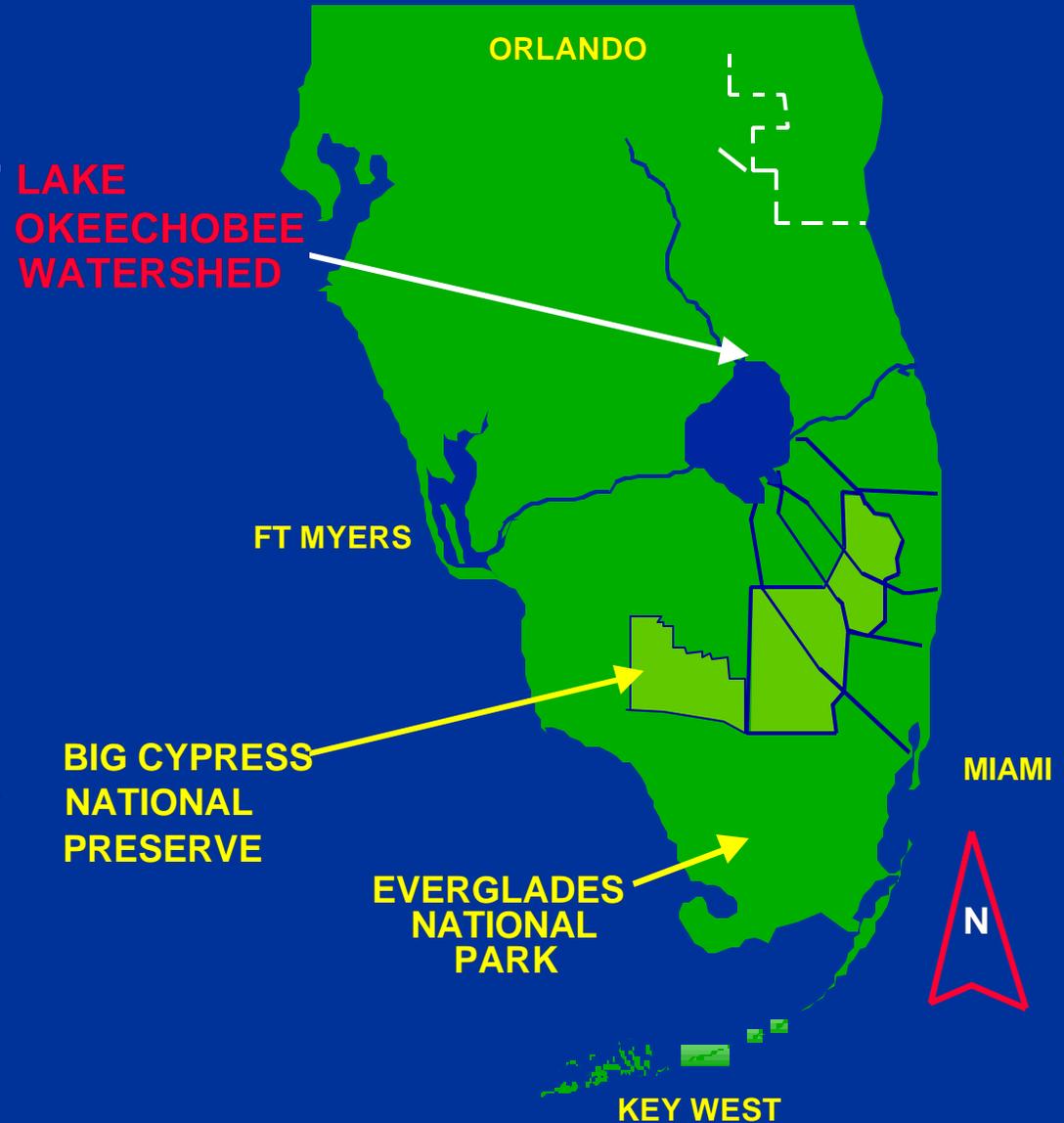




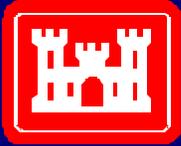
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- **North Storage Reservoir - 200k AF reservoir with 2.5k ac STA**
- **Taylor Creek/Nubbin Slough RSTA with 50k AF reservoir and 20k ac STA**
- **Water quality treatment facilities with 3.5k ac RSTA**
- **Tributary Sediment Dredging with 10 miles of sediment dredging on canals**
- **Estimated Cost - \$455 million**
- **Status - PMP Initiated**

LAKE OKEECHOBEE WATERSHED



EAA STORAGE RESERVOIR PART 1



**US Army Corps
of Engineers.**

- **300,000 ac-ft reservoir**
- **Store EAA runoff and Lake Okeechobee releases**
- **SFWMD proposes to proceed in 2 phases - Canal improvements, then reservoir**
- **Estimated Cost - \$233 million**
- **Status - Identifying PDT**





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WCA DECOMP - PHASE 1/ NORTH NEW RIVER

- Fill Miami Canal
- Improve NNR Canal for Water supply to Miami-Dade
- Remove eastern portion of L-29
- Modify L-67A & L-67C
- Estimated Cost - \$61 million
- Status -Identifying PDT

WCA DECOMP - P1
NORTH NEW
RESERVOIR

FT MYERS

BIG CYPRESS
NATIONAL
PRESERVE

EVERGLADES
NATIONAL
PARK

ORLANDO

MIAMI

N

KEY WEST



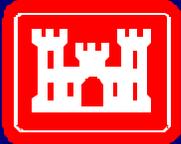


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C-111N SPREADER CANAL

- New Canal under US 1 and Card Sound Road to improve hydroperiod in Model Lands
- Estimated Cost - \$94 million
- Status - Identifying PDT

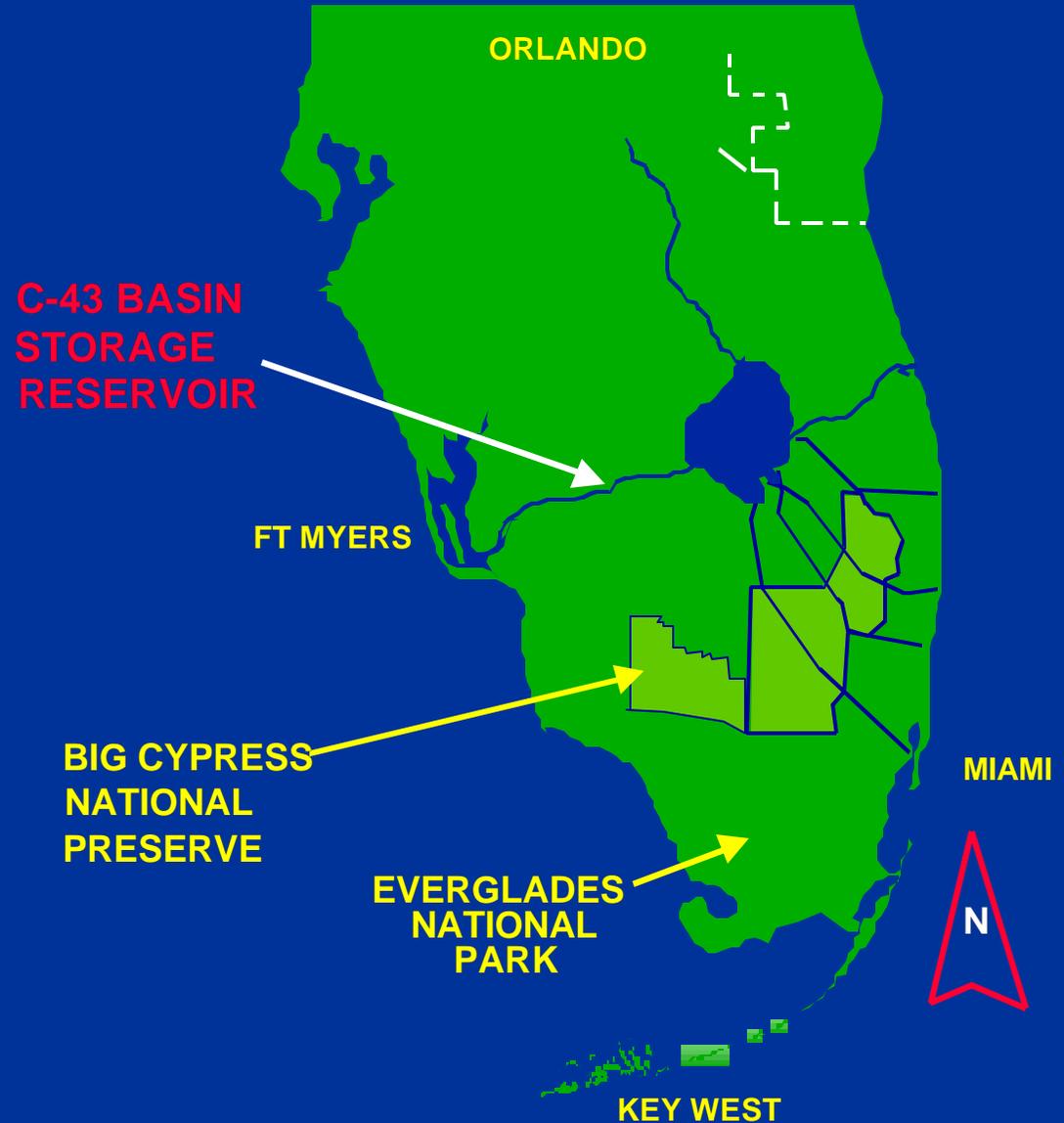




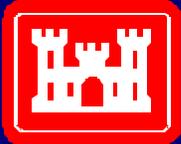
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C-43 BASIN STORAGE RESERVOIR

- **160,000 ac-ft reservoir**
- **Environmental benefits to Caloosahatchee Basin**
- **Estimated Cost - \$201 million**
- **Status - Not started**



SOUTHERN GOLDEN GATES ESTATES



**US Army Corps
of Engineers.**

- Land acquisition and restoration of 55,000 acres
- Environmental benefits to lower west coast area from restoration of hydroperiods and natural flow patterns through removal of roadways and canals
- Estimated Cost - \$94 million
- Status - PDT developing PMP





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FEASIBILITY STUDIES

- 1. Water Preserve Areas - Ongoing, complete
Sep 01**
- 2. Indian River Lagoon - Ongoing, complete
Jan 02**
- 3. Comprehensive Water Quality - Developing
Scope**
- 4. Florida Bay - Assembling Team**
- 5. Southwest Florida - Ongoing, complete Jan
05**



**US Army Corps
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PROGRAM LEVEL ACTIVITIES

- + Public Outreach and Involvement**
- + Socioeconomic and Environmental Justice**
- + Geospatial Data Management**
- + Program Controls**
- + Real Estate Management Plan**
- + Data Management Plan**
- + Regional ASR Modeling**



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OVERALL CERP STATUS

- + WRDA 2000 awaiting signature by President**
- + Initiating series of meeting on implementing requirements of WRDA**
- + 12 Projects initiated with PMP started and/or requests for PDT participants**
- + Balance of initial authorization projects to be initiated this spring**
- + Program level management plans under development with SFWMD**
- + Implementation Sequence being refined**



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QUESTIONS

