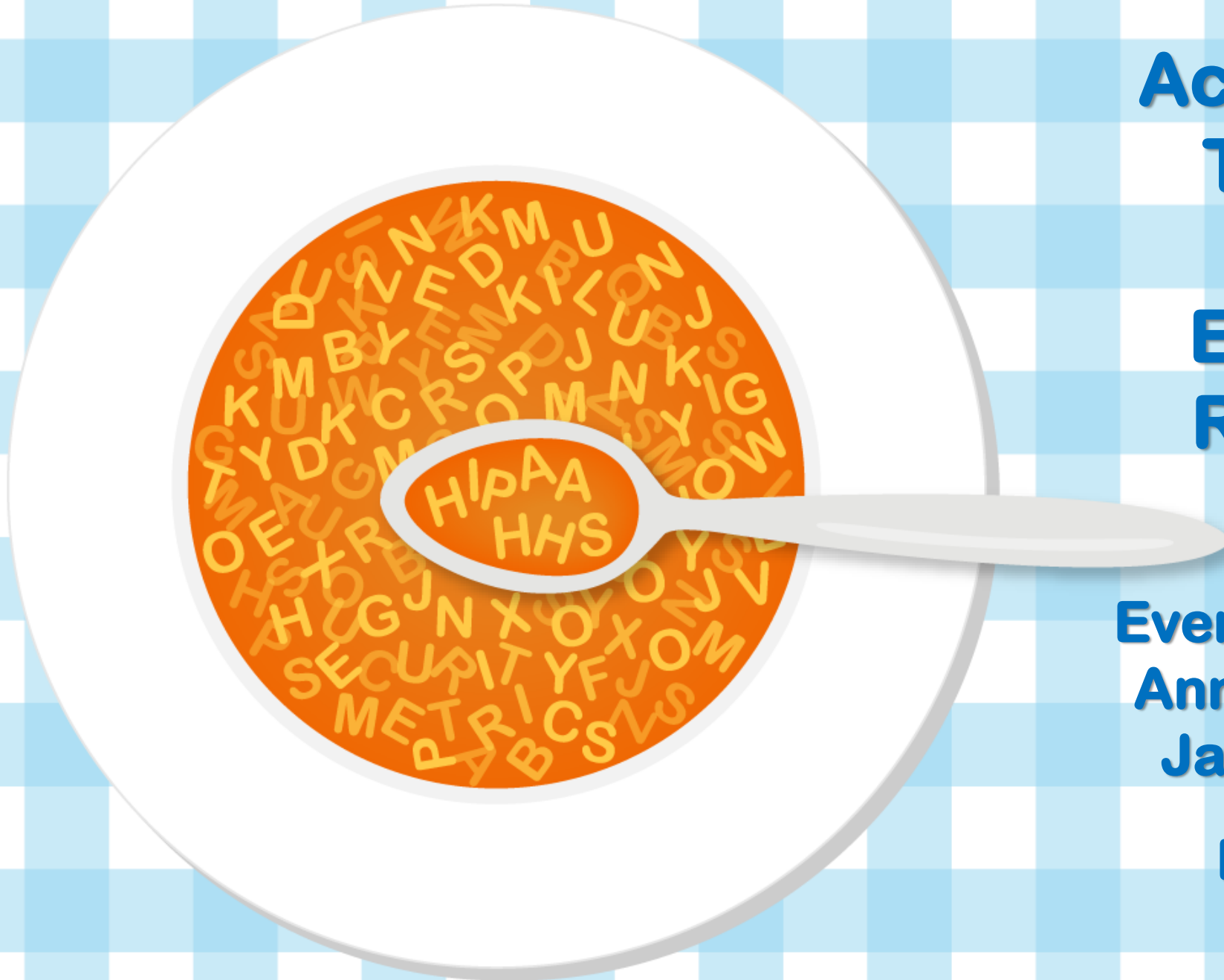


Acronym Soup The ABC's of Everglades Restoration

**Everglades Coalition
Annual Conference
January 10, 2020**

**Doug Gaston
Moderator**



Panelists:

Howard Gonzales Jr.

Chief, Ecosystem Branch

Programs & Project Management Division

USACE Jacksonville District

Shannon Estenoz

Vice President of Policy and Public Affairs

Chief Operating Officer

Everglades Foundation

Lawrence Glenn

Division Director, Water Resources

South Florida Water Management District

Acronym Soup?

DEP

BMAP

BMP

HHDRP

CEPP

TMDL

SFWMD

DSAC

HAB

FDACS

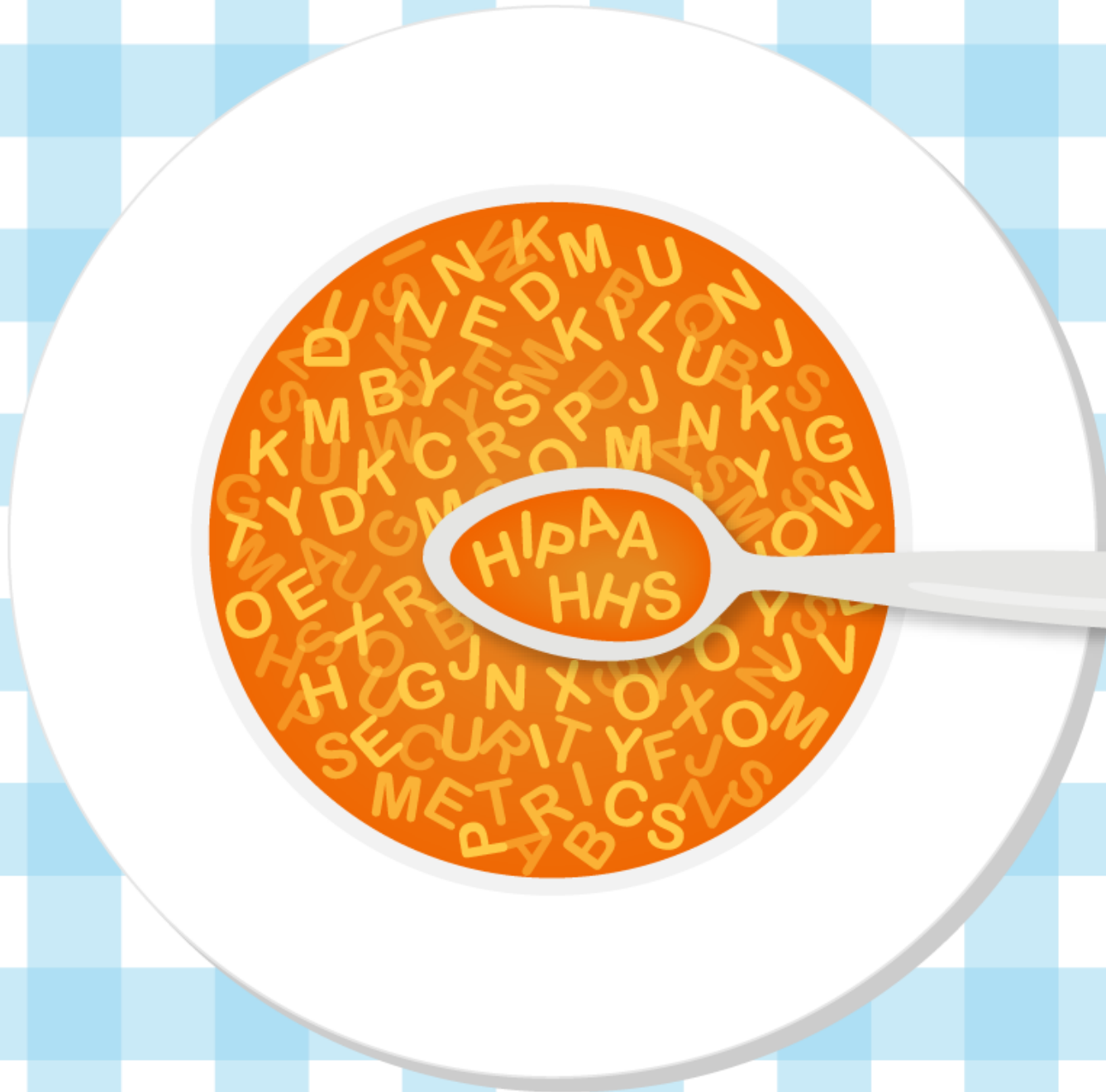
LOWRP

LOSOM

SAV

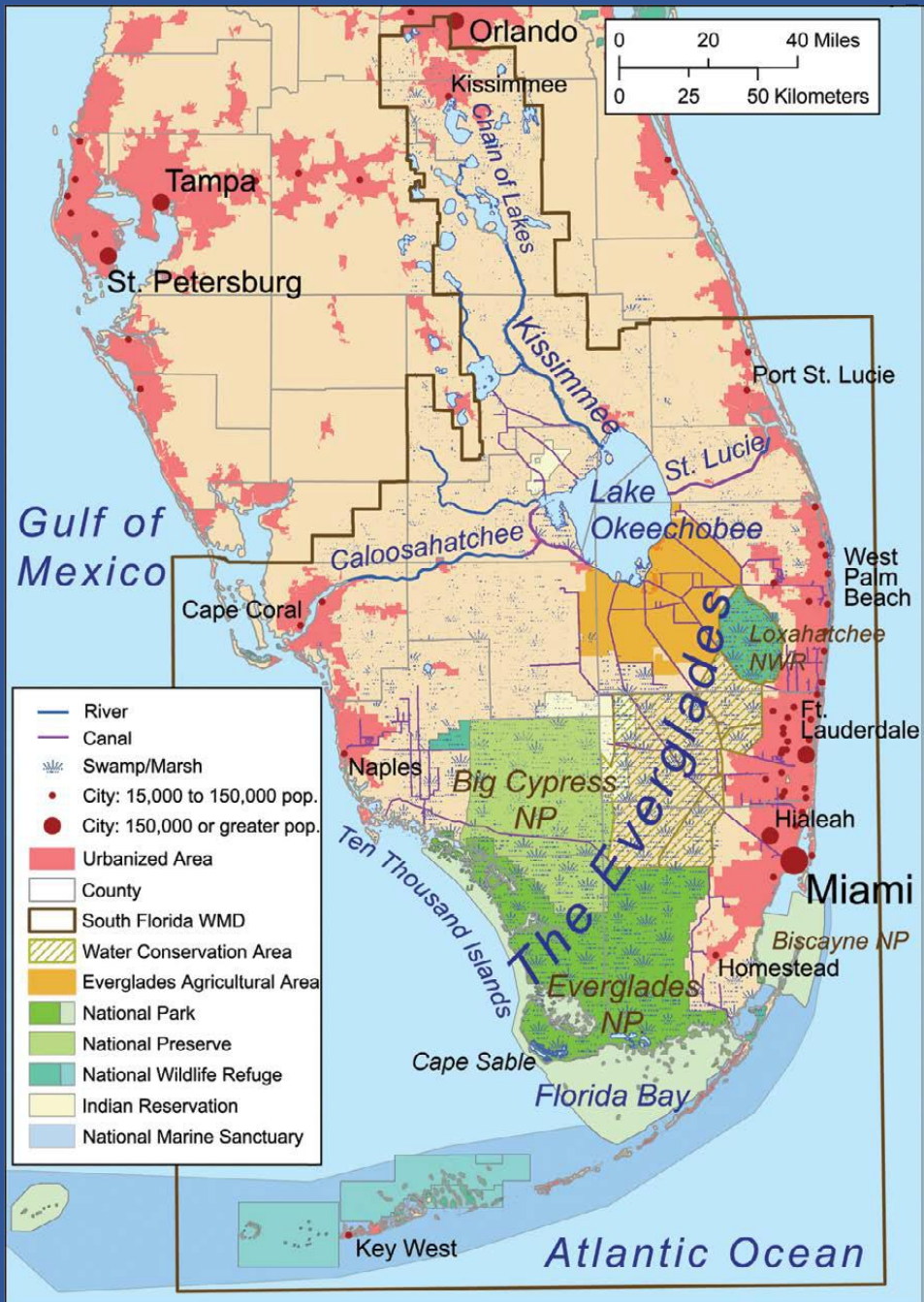
NEPA

EIS



F. I. S. H.

**FUN
INFORMATIVE
STIMULATING
HELPFUL**



River of Grass
 Extended from Upper
 Kissimmee to Florida
 Bay
 Sawgrass marshes
 Prairies
 Ridge and slough
 Tree Islands
 Wetlands

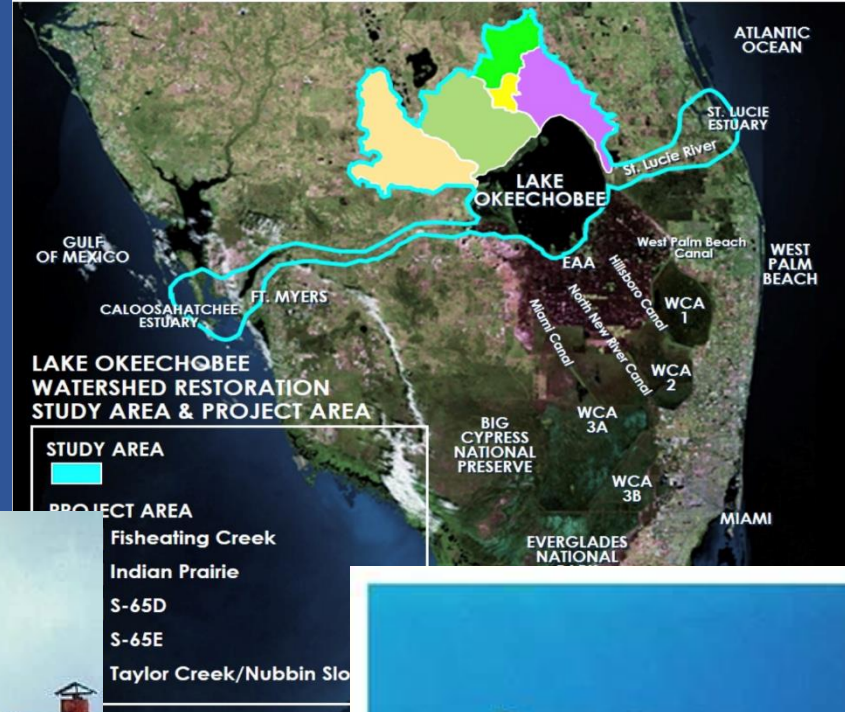


Significant Events in Everglades History

- **4 Major Canals Constructed – Hillsboro, West Palm Beach, North New River and Miami**
- **Canals constructed connecting Lake Okeechobee with the Caloosahatchee and St. Lucie Rivers**
- **Construction of Tamiami Trail Disrupts North/South Flow to Everglades National Park and Florida Bay**
- **Central and South Florida (C&SF) Project enacted to provide flood protection and other water control benefits to Central and South Florida**
- **Herbert Hoover Dike creates a 143 mile embankment around Lake Okeechobee**
- **Kissimmee River dredged and channelized into a 30-foot deep straightaway called the C-38 Canal**
- **Everglades Agricultural Area Established south of Lake Okeechobee**

Significant Consequences

Harmful Algal Blooms



Water Wasted
to Tide



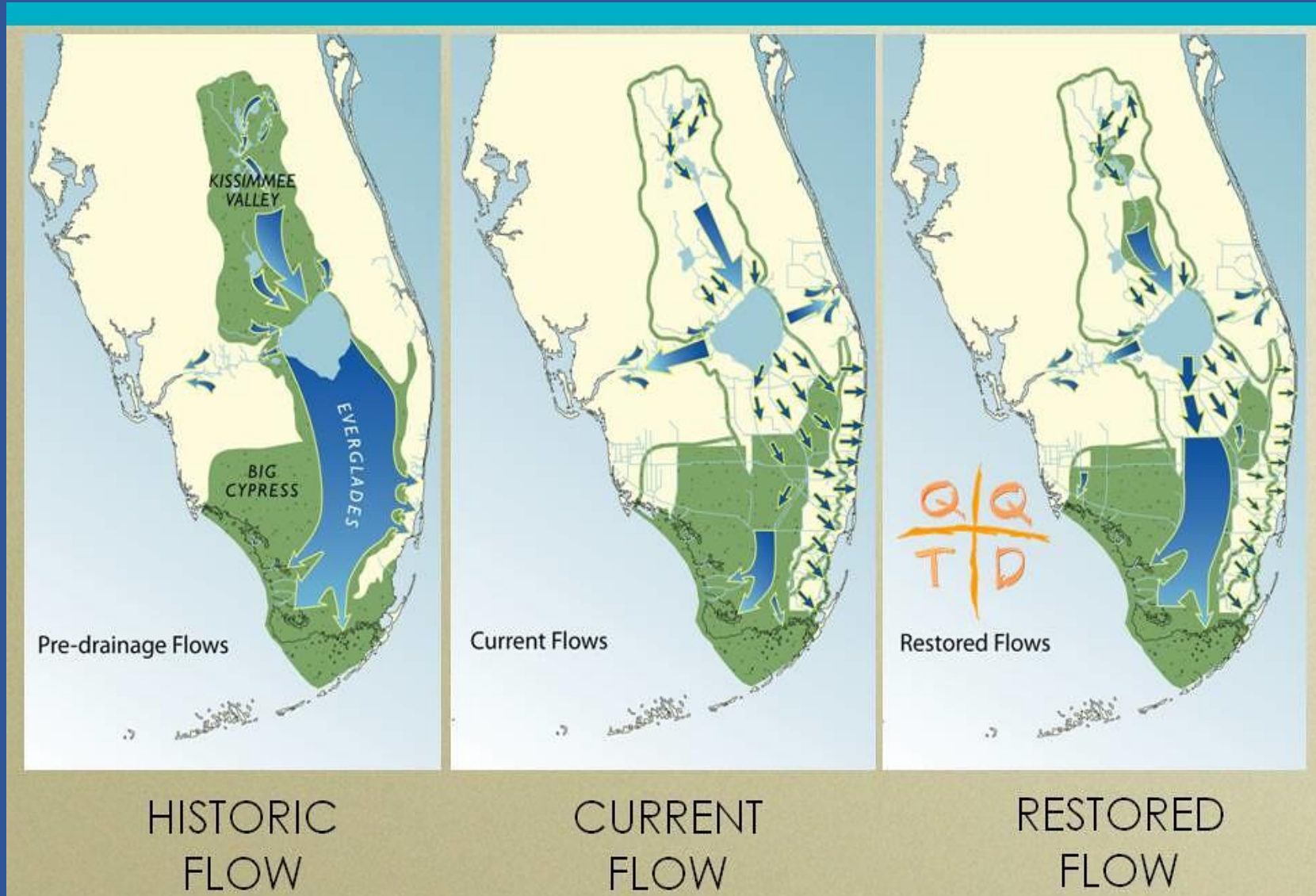
Impaired Water Quality



Seagrass Die Offs in Florida Bay

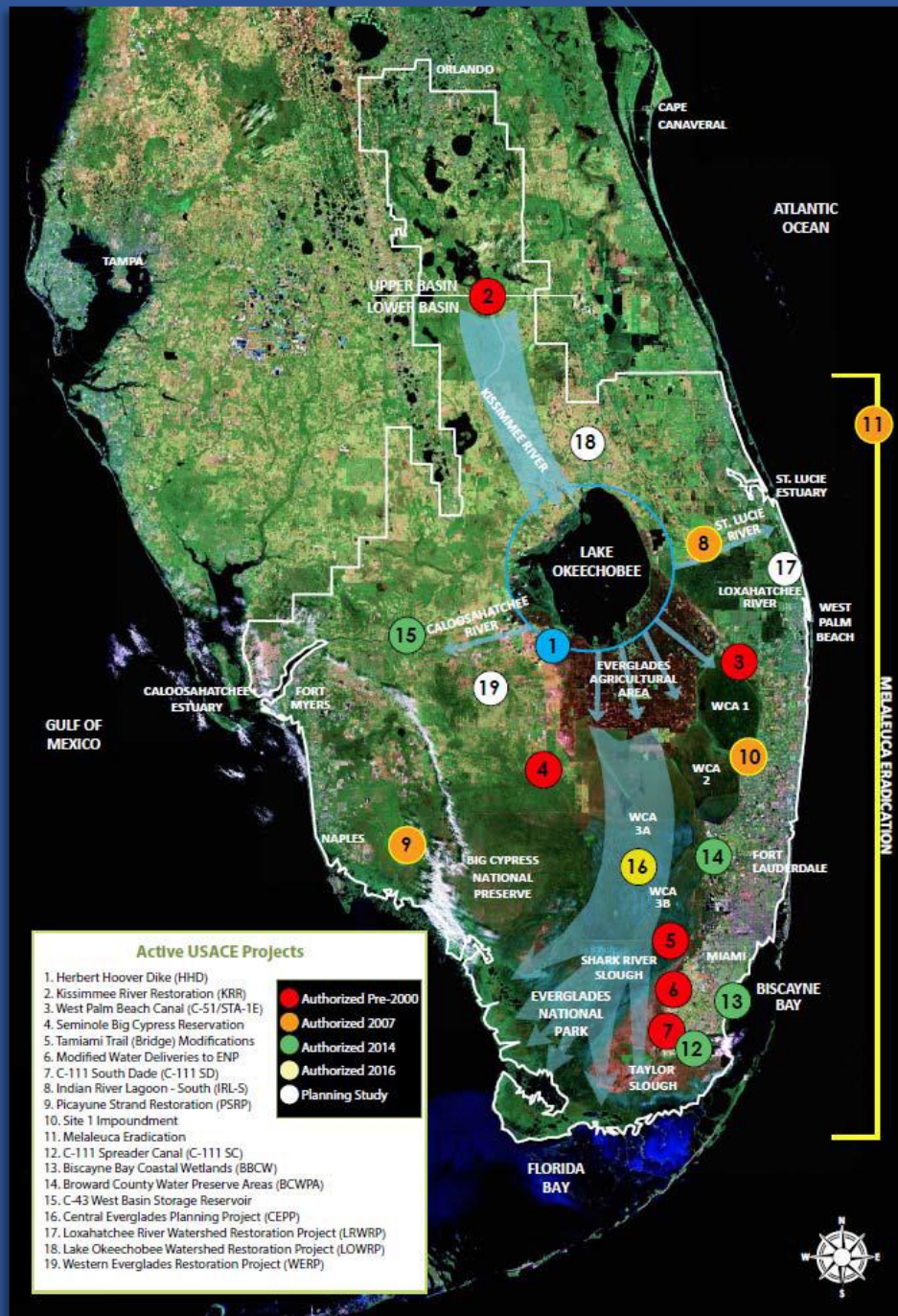
Everglades Restoration

Improve Quantity, Quality, Timing & Distribution



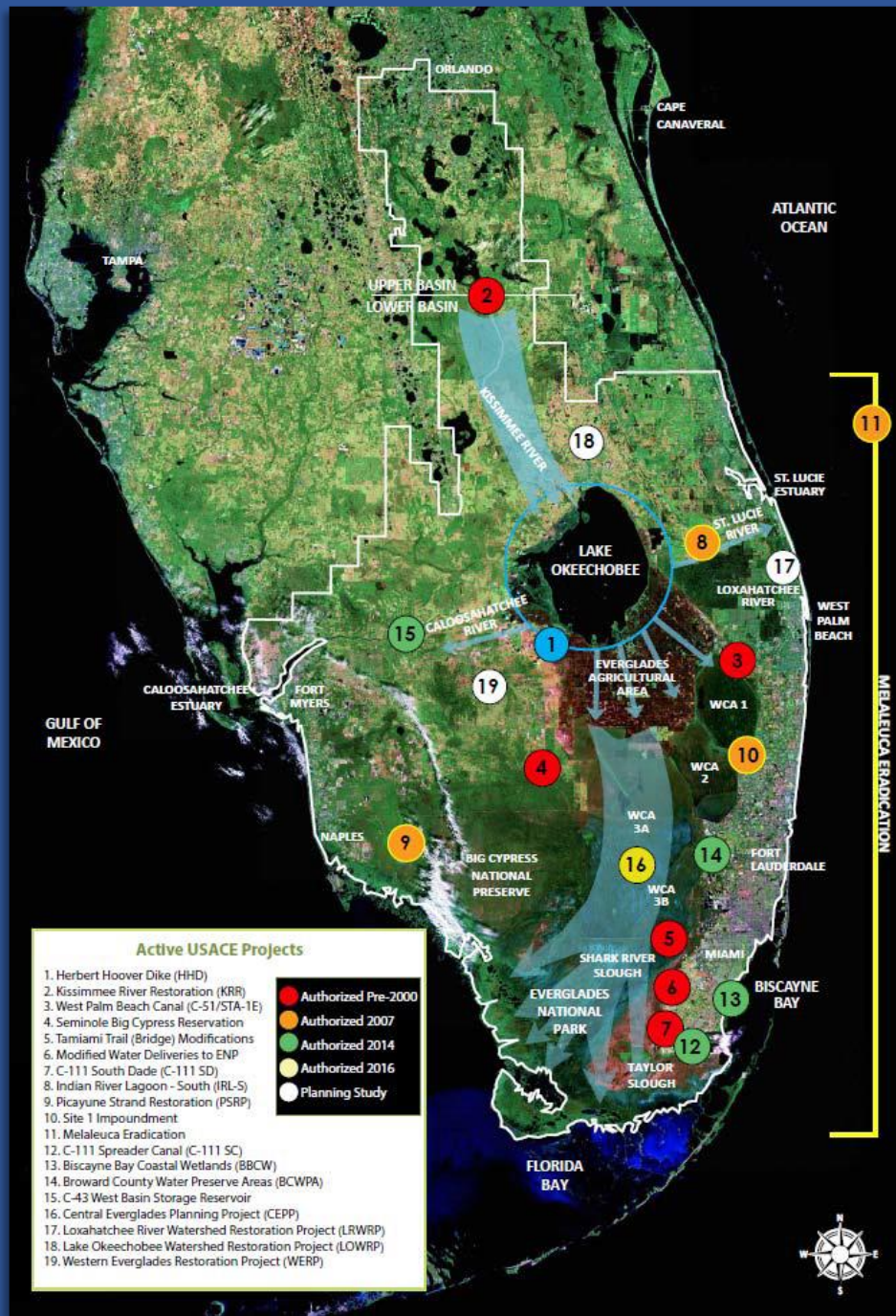
CERP

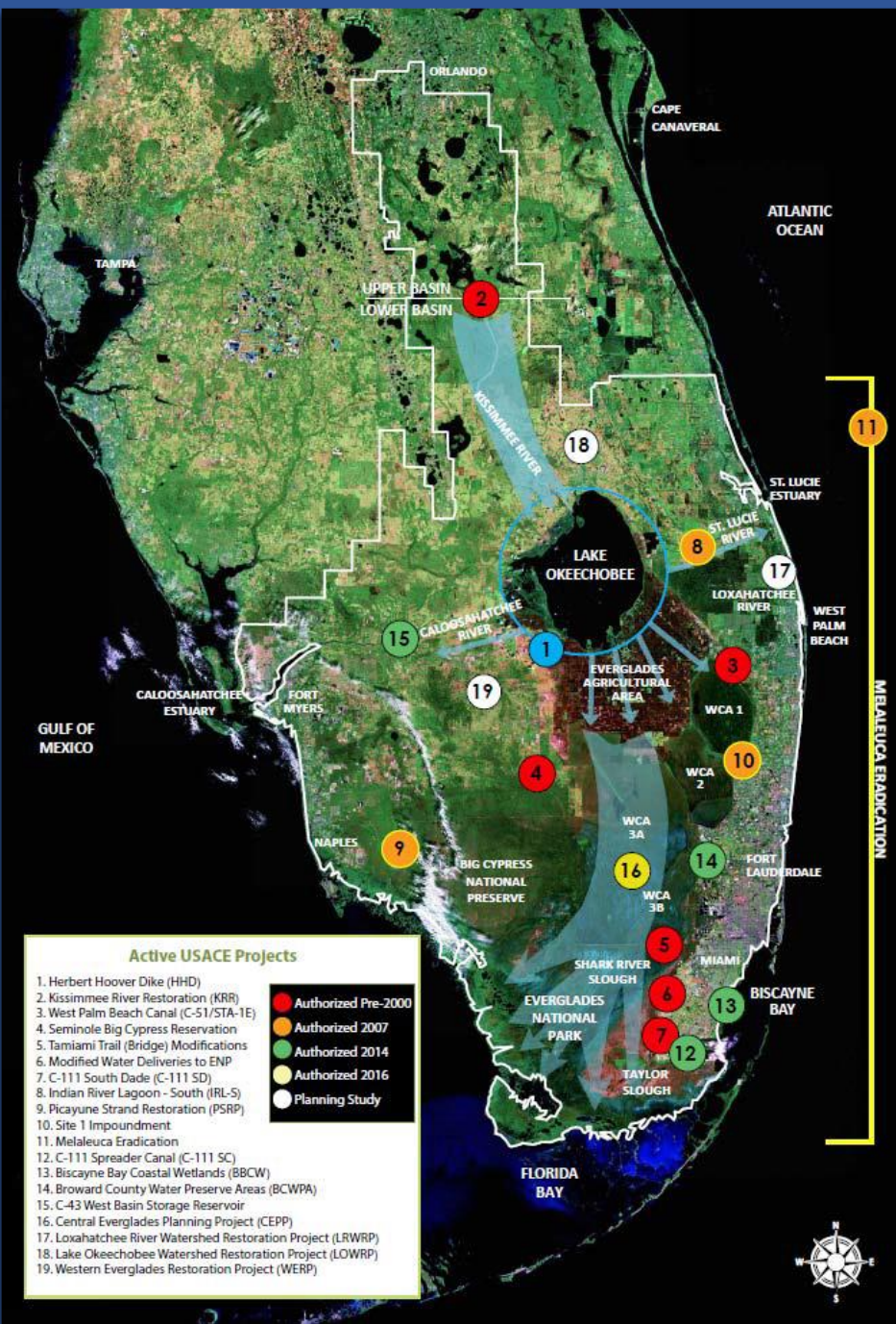
COMPREHENSIVE EVERGLADES RESTORATION PLAN



C & SF

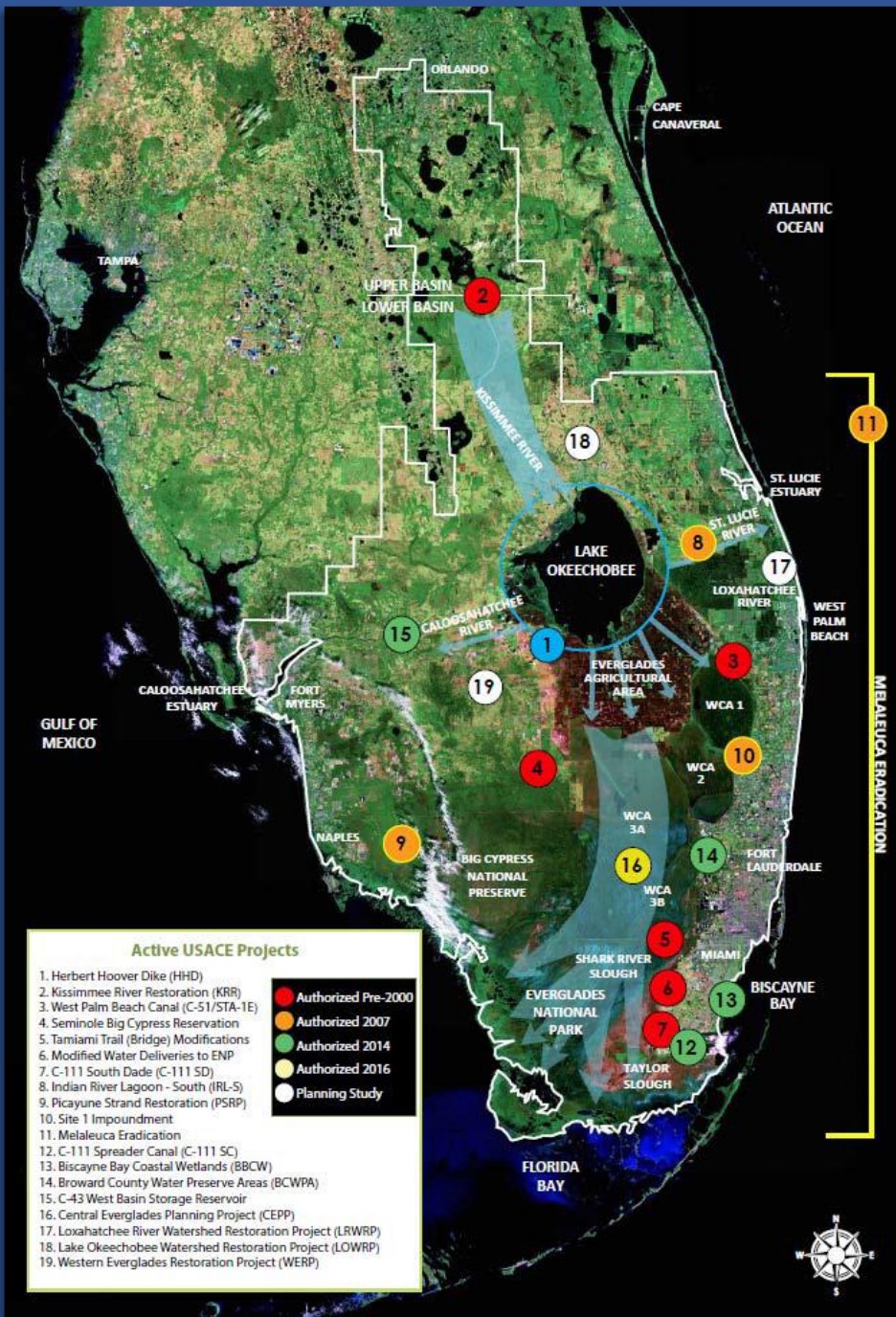
CENTRAL AND SOUTHERN FLORIDA PROJECT





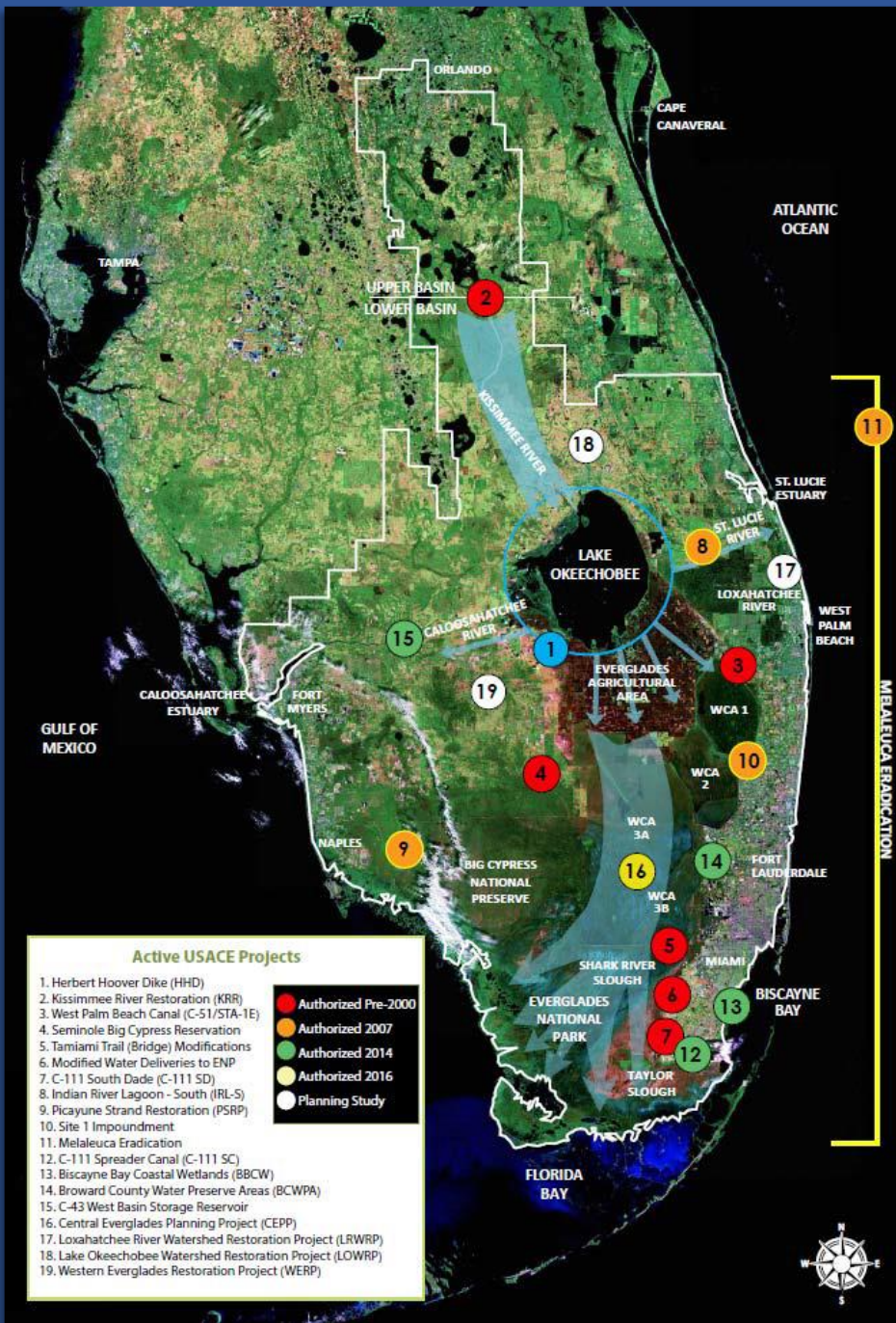
KRR

KISSIMMEE RIVER RESTORATION



MWD

MODIFIED WATER DELIVERIES TO EVERGLADES NATIONAL PARK

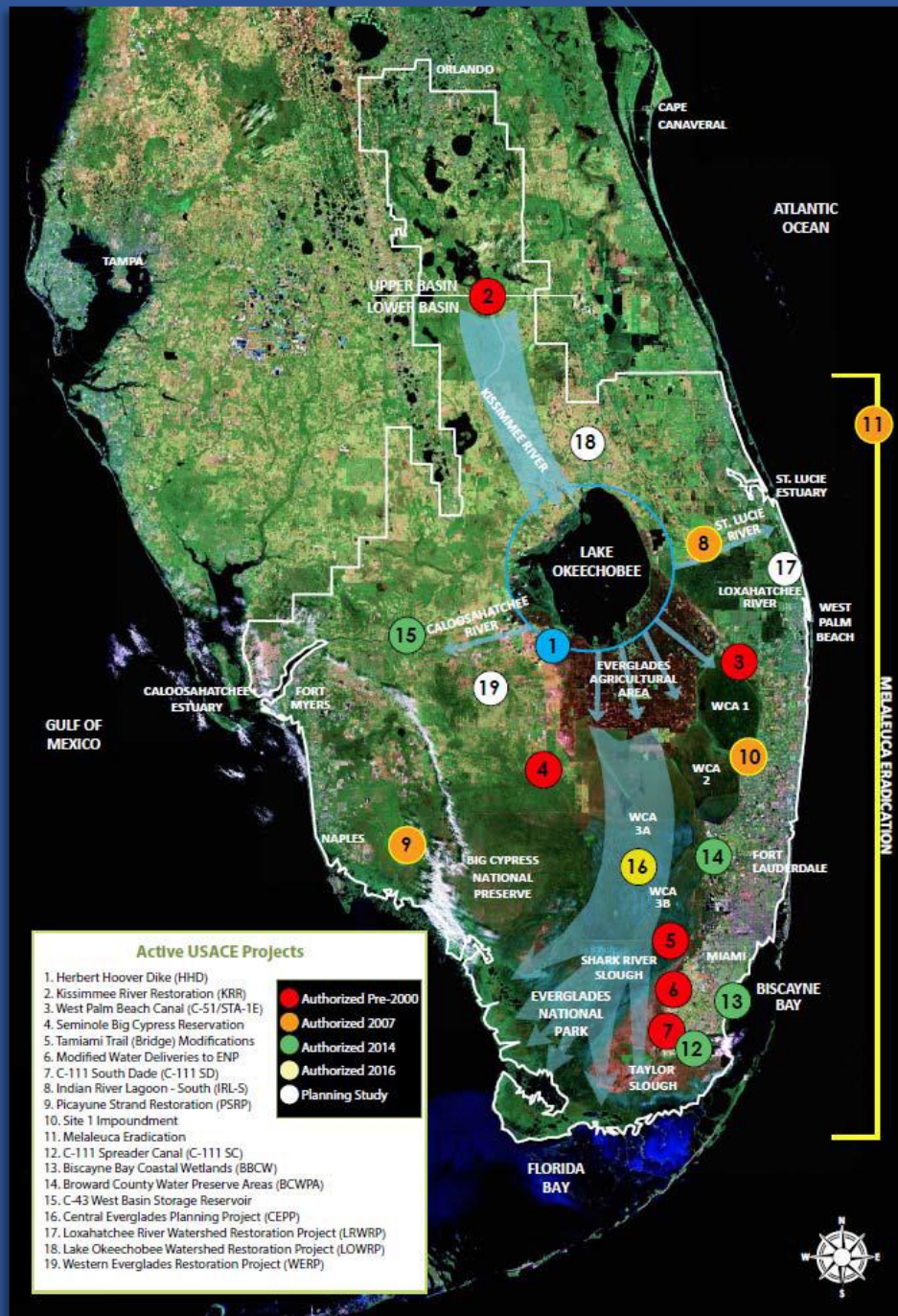


HHDRP

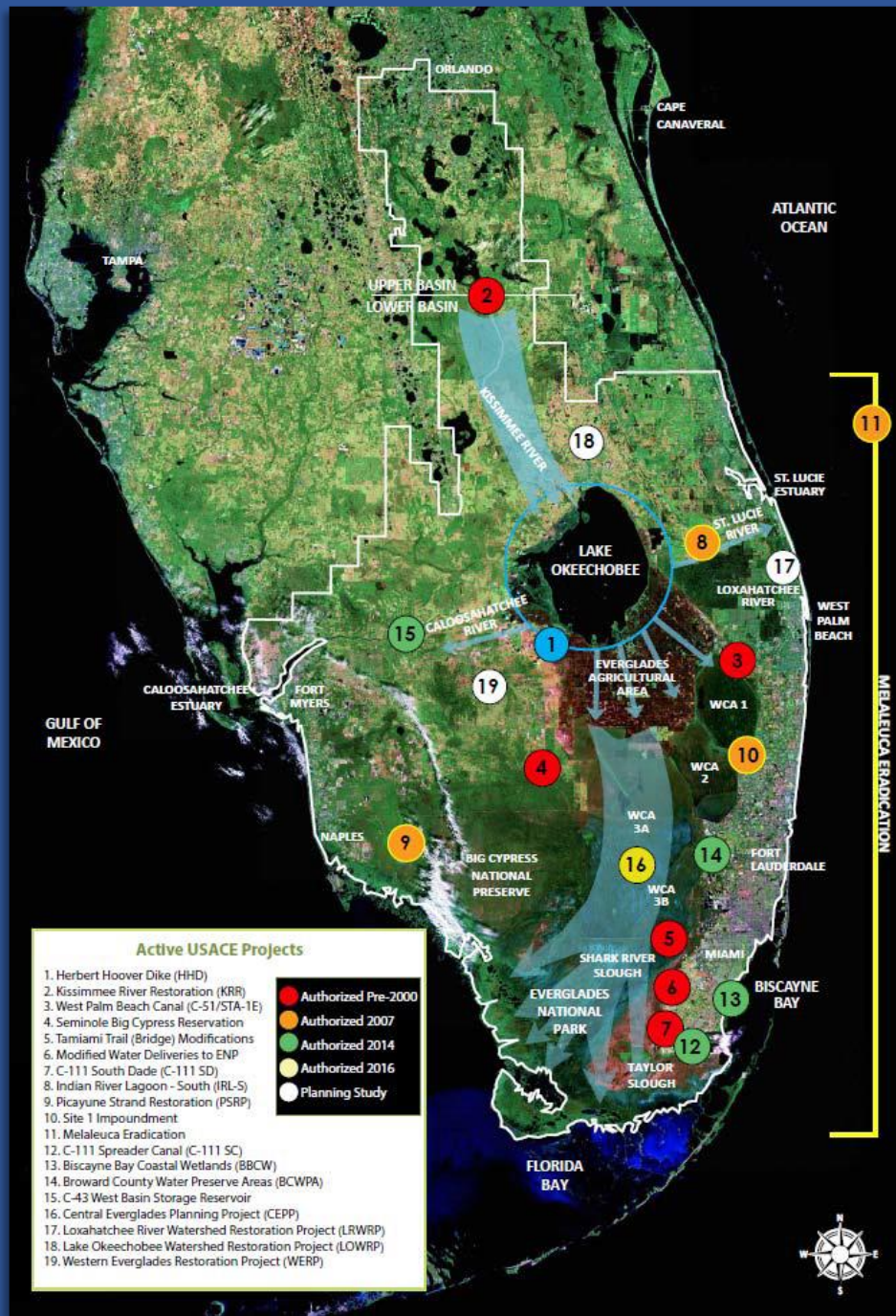
HERBERT HOOVER DIKE REHABILITATION PROJECT

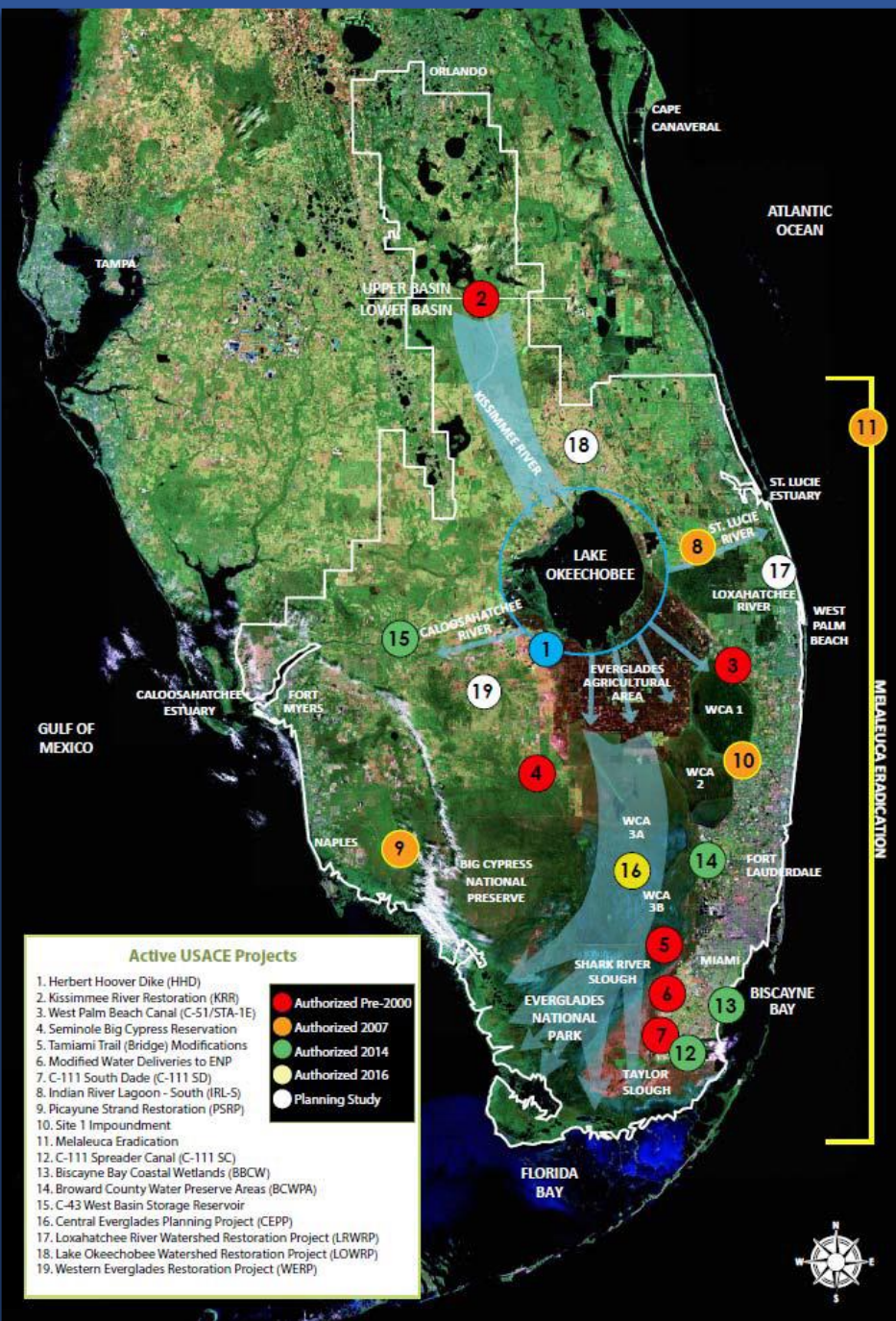
LOSOM

LAKE OKEECHOBEE SYSTEM OPERATING MANUAL



RECOVER RESTORATION COORDINATION AND VERIFICATION



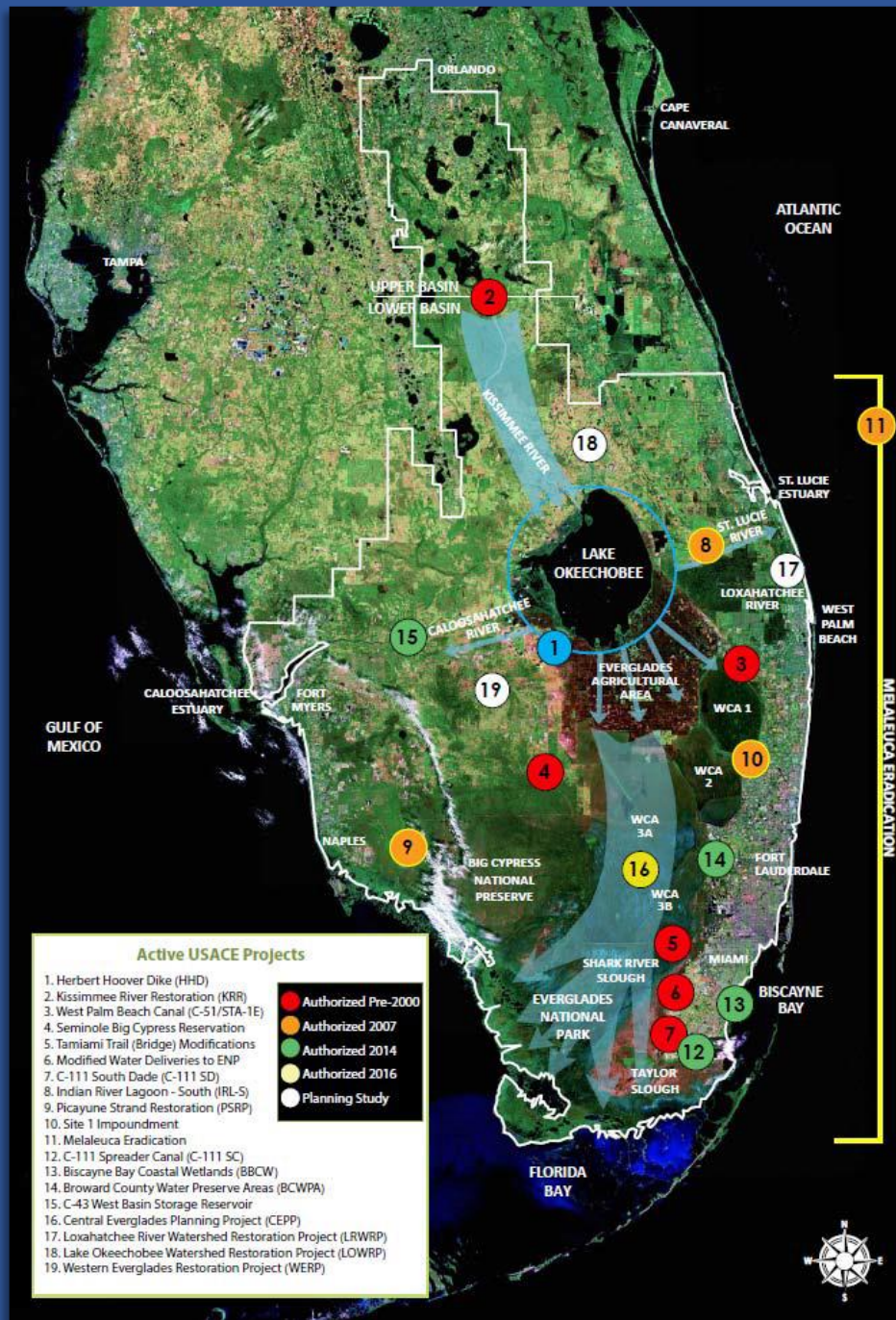


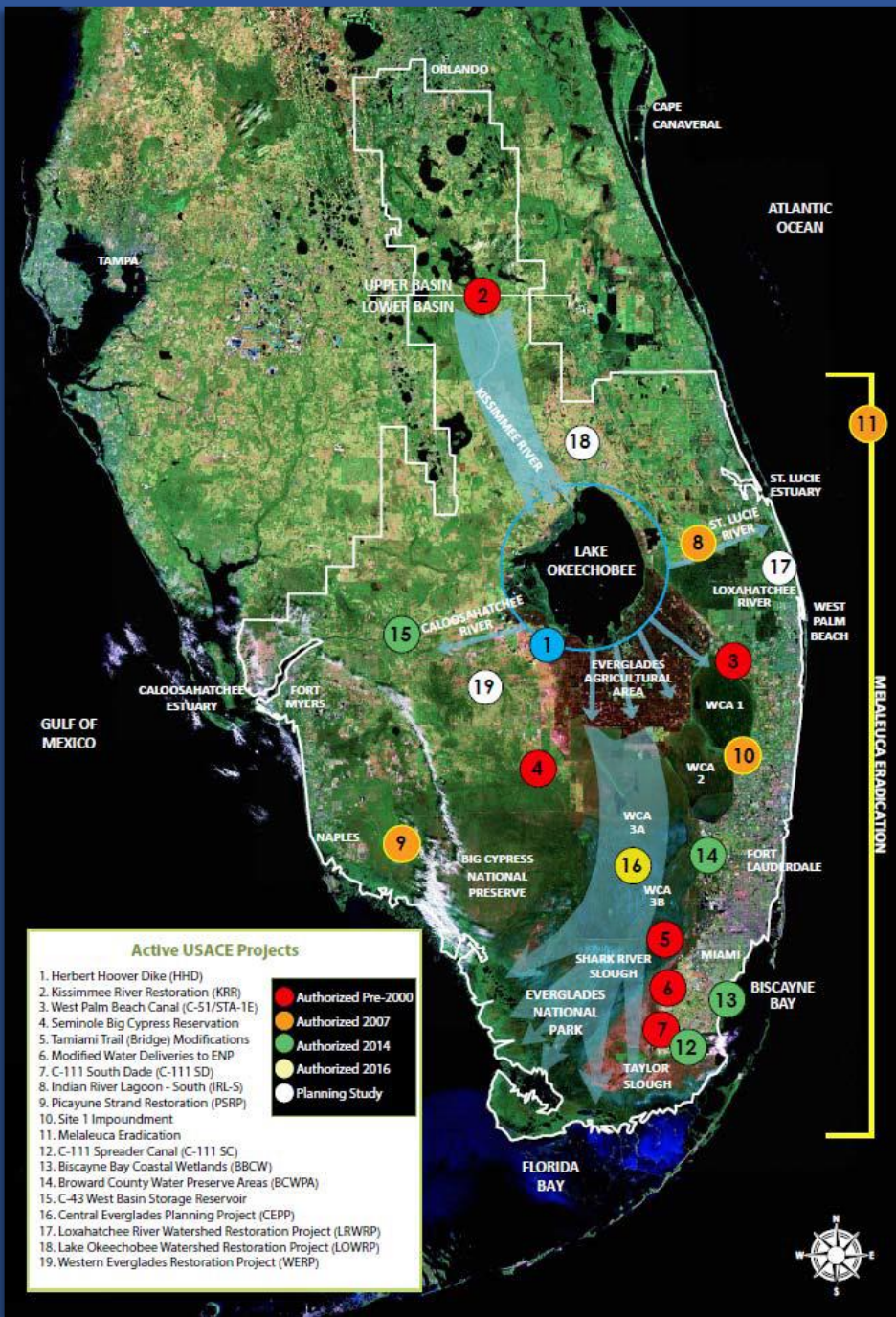
PDT

PROJECT DELIVERY TEAM

PIR

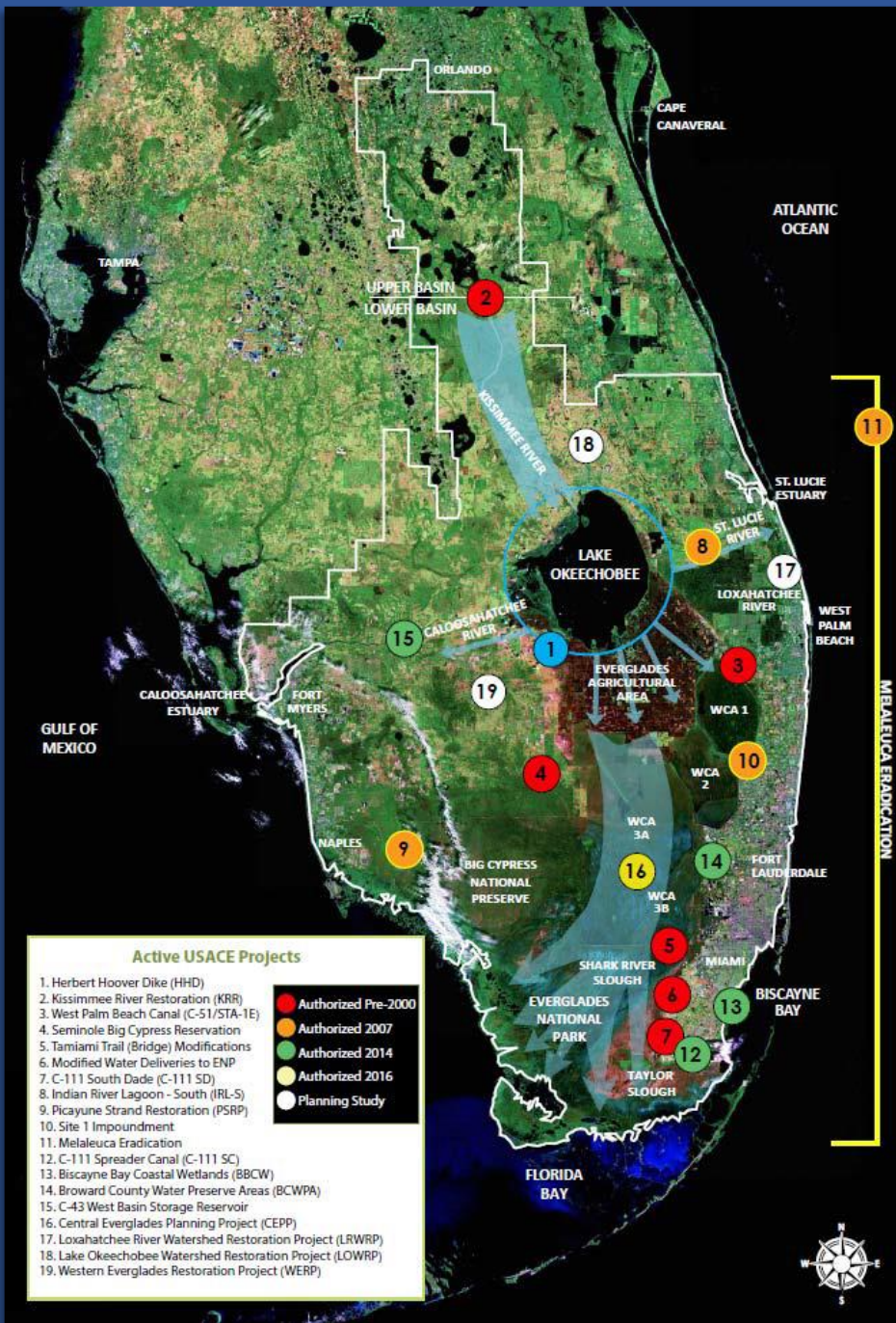
PROJECT IMPLEMENTATION REPORT





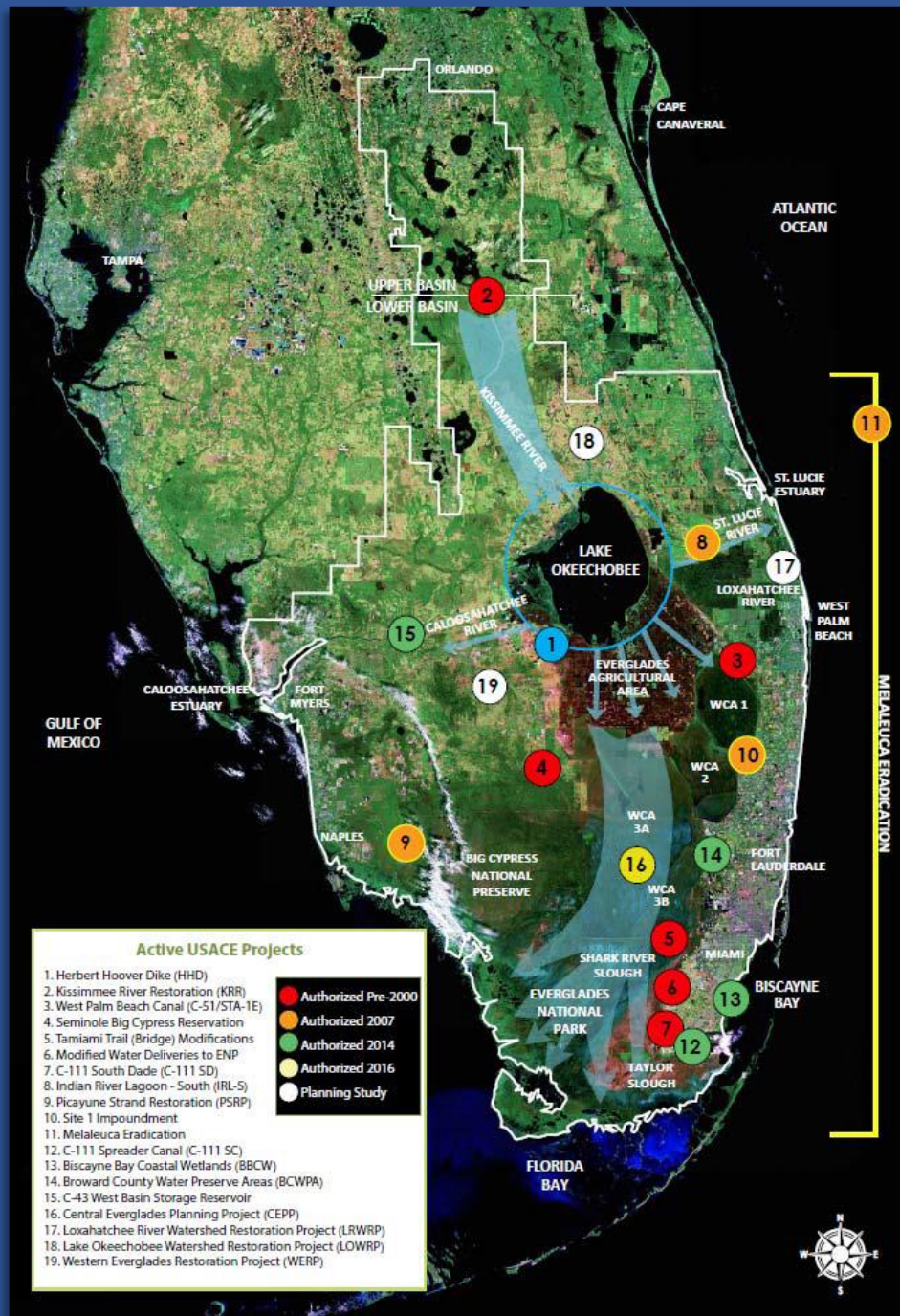
NEPA

NATIONAL ENVIRONMENTAL POLICY ACT



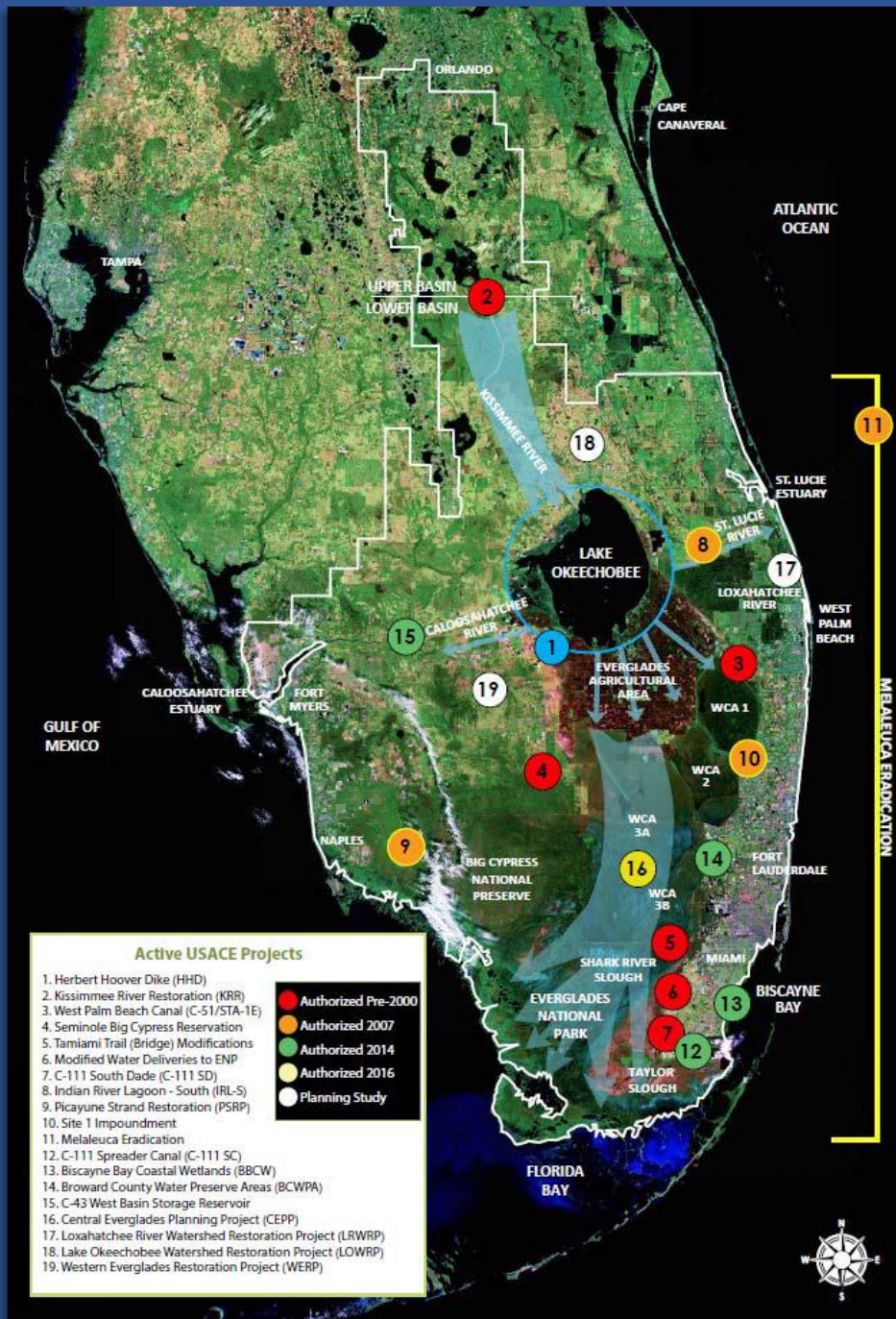
EIS

ENVIRONMENTAL IMPACT STATEMENT



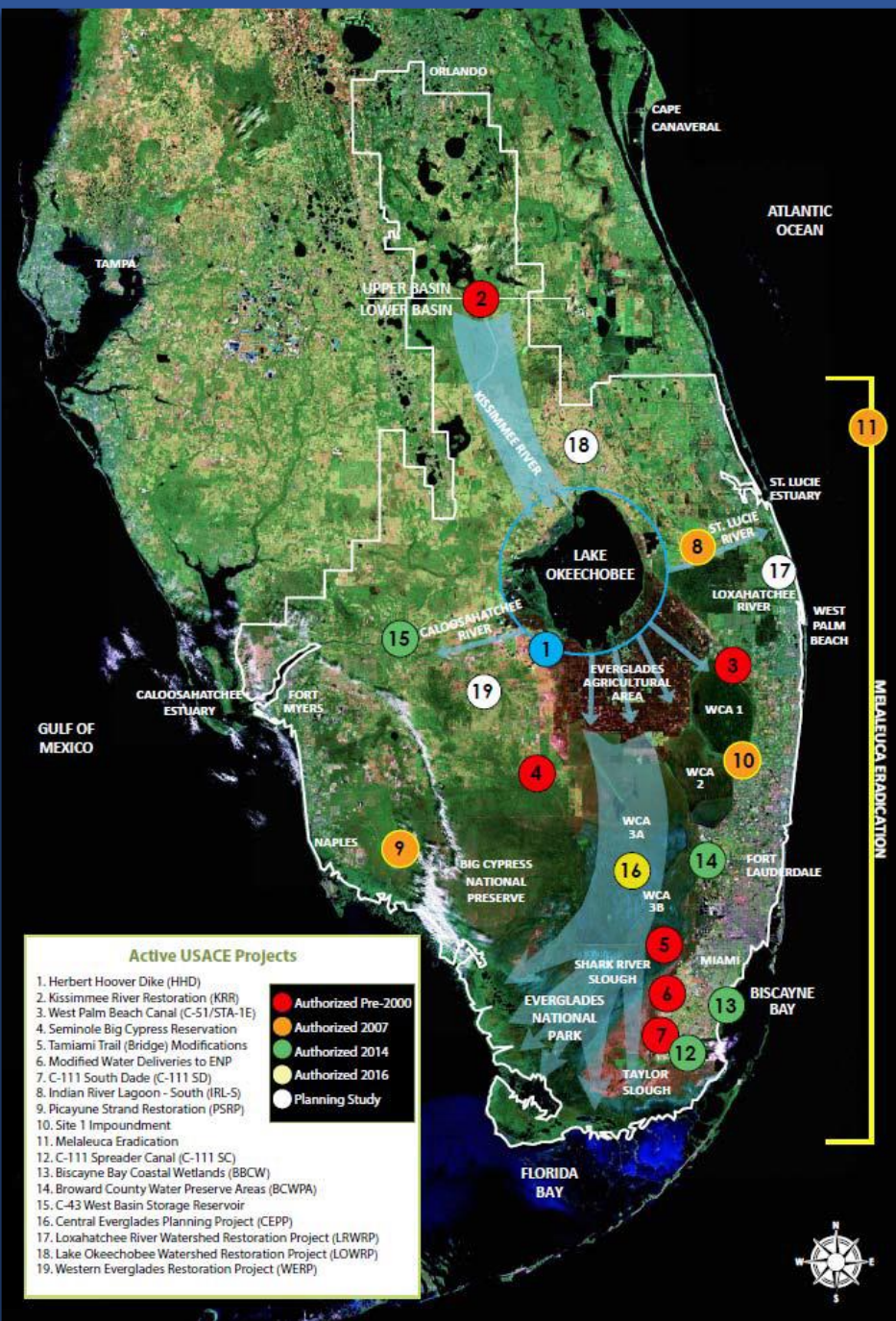
IDS

INTEGRATED DELIVERY SCHEDULE



T & I

TRANSPORTATION AND INFRASTRUCTURE COMMITTEE [HOUSE]



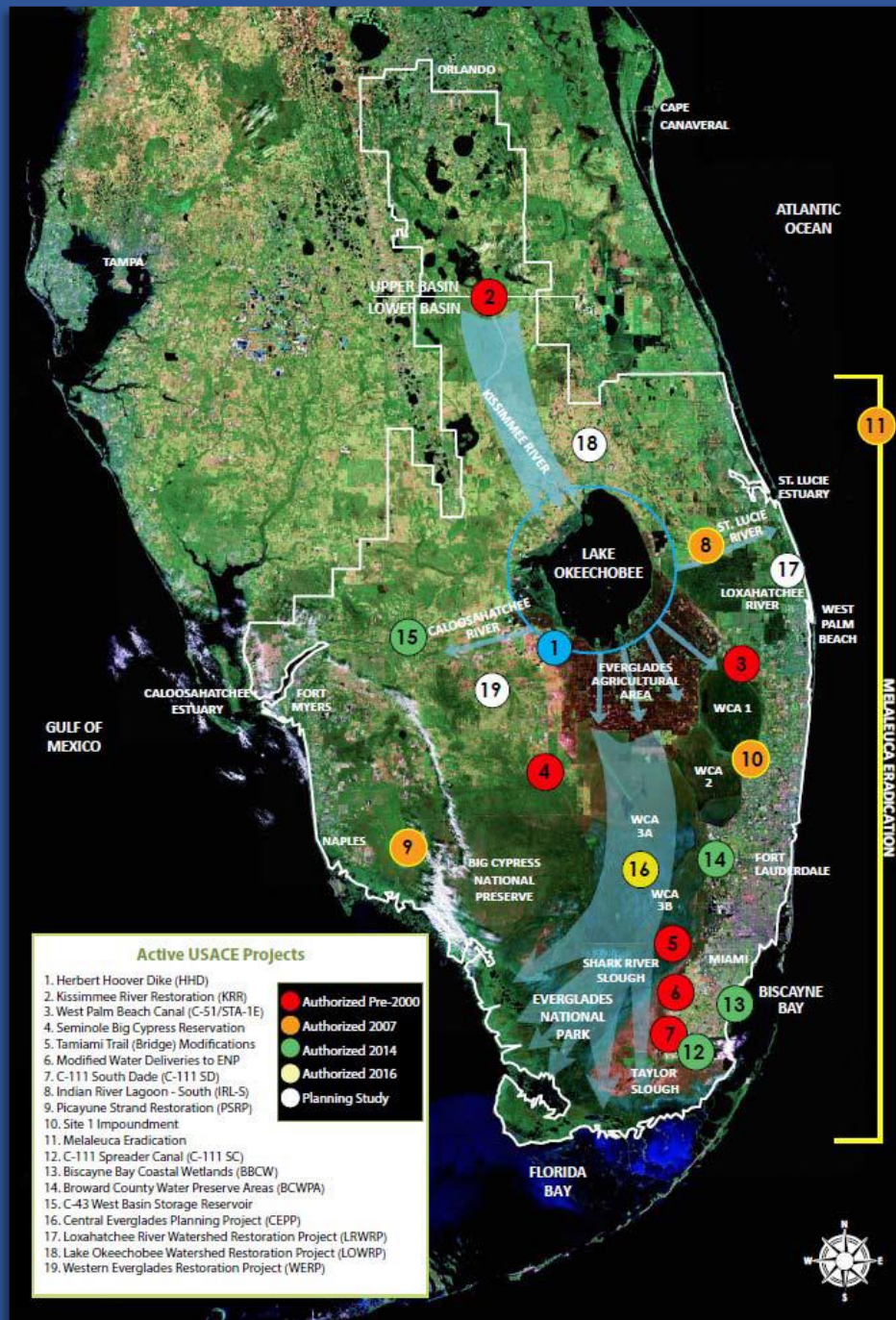
EPW

ENVIRONMENT & PUBLIC WORKS COMMITTEE

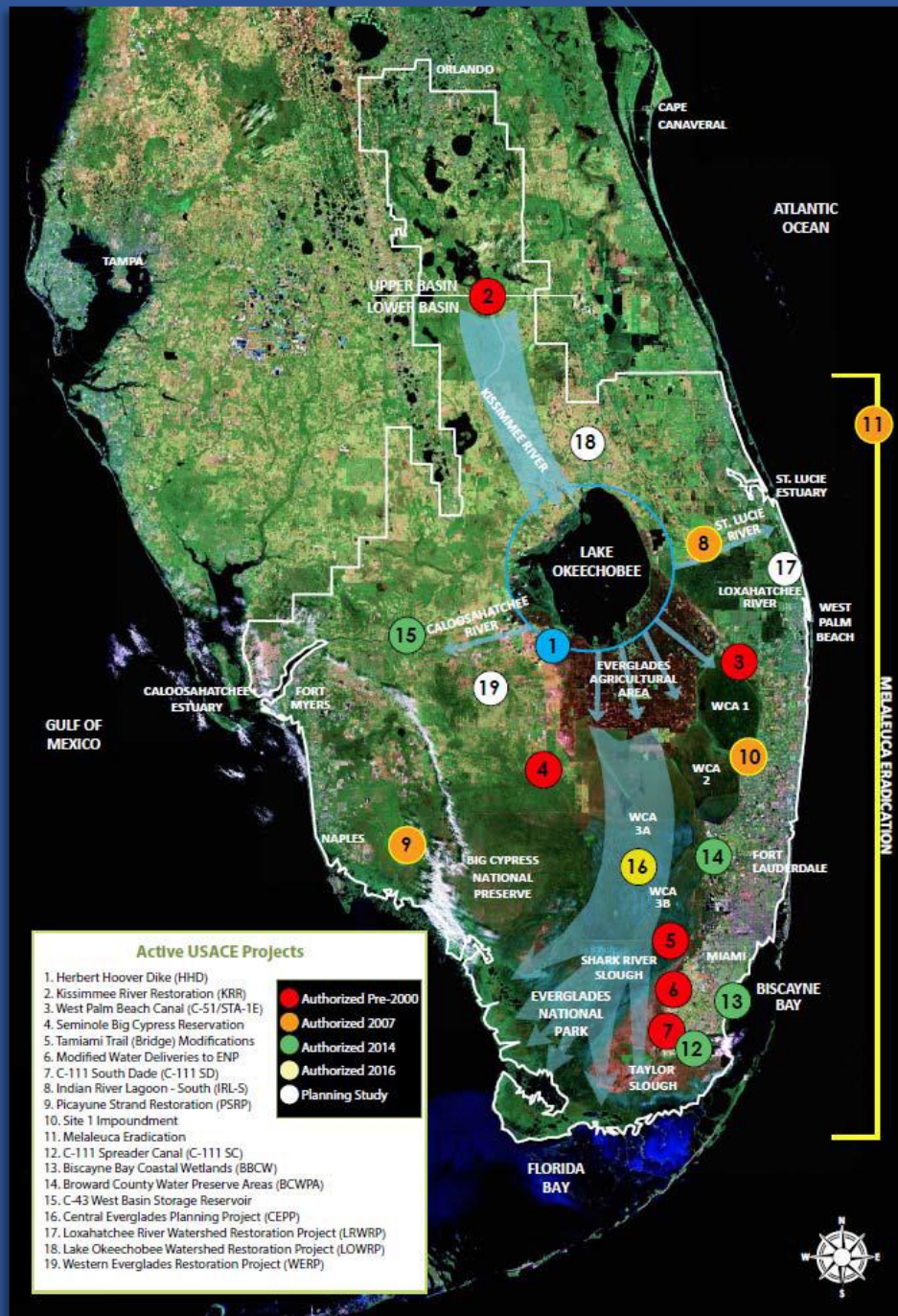
[SENATE]

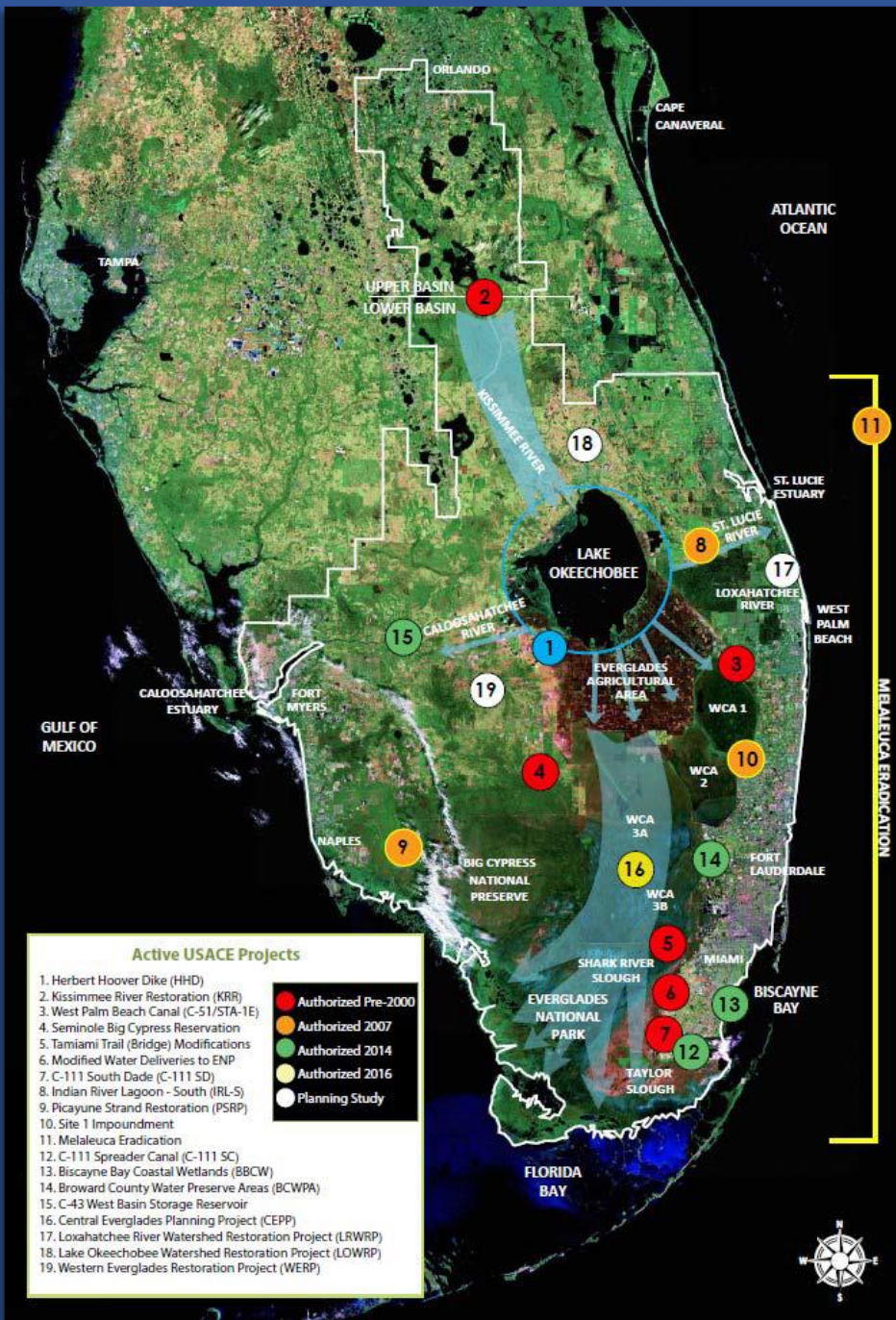
CISRERP

COMMITTEE ON SCIENTIFIC REVIEW OF EVERGLADES RESTORATION PROGRESS



WRDA WATER RESOURCE DEVELOPMENT ACT



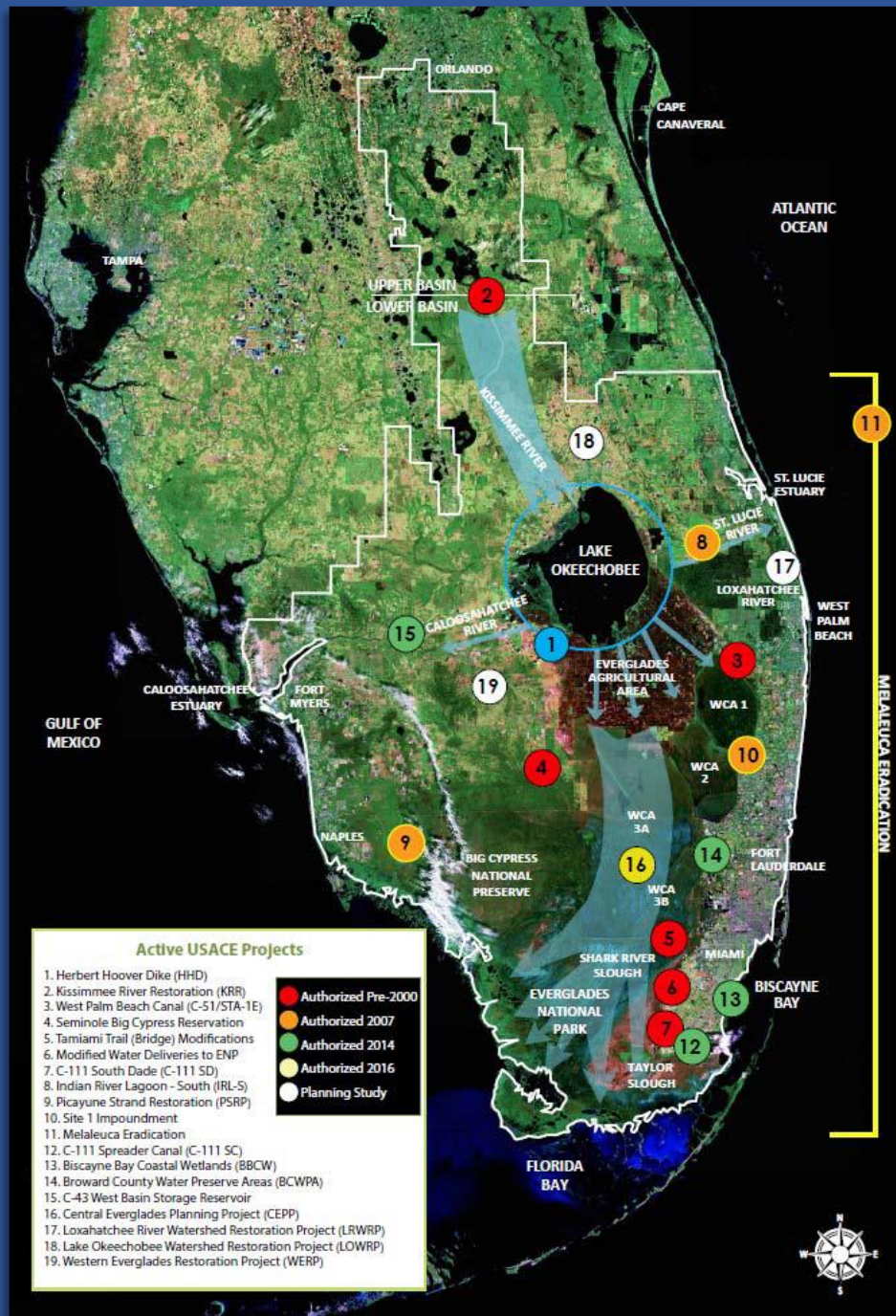


PACR

POST AUTHORIZATION CHANGE REPORT

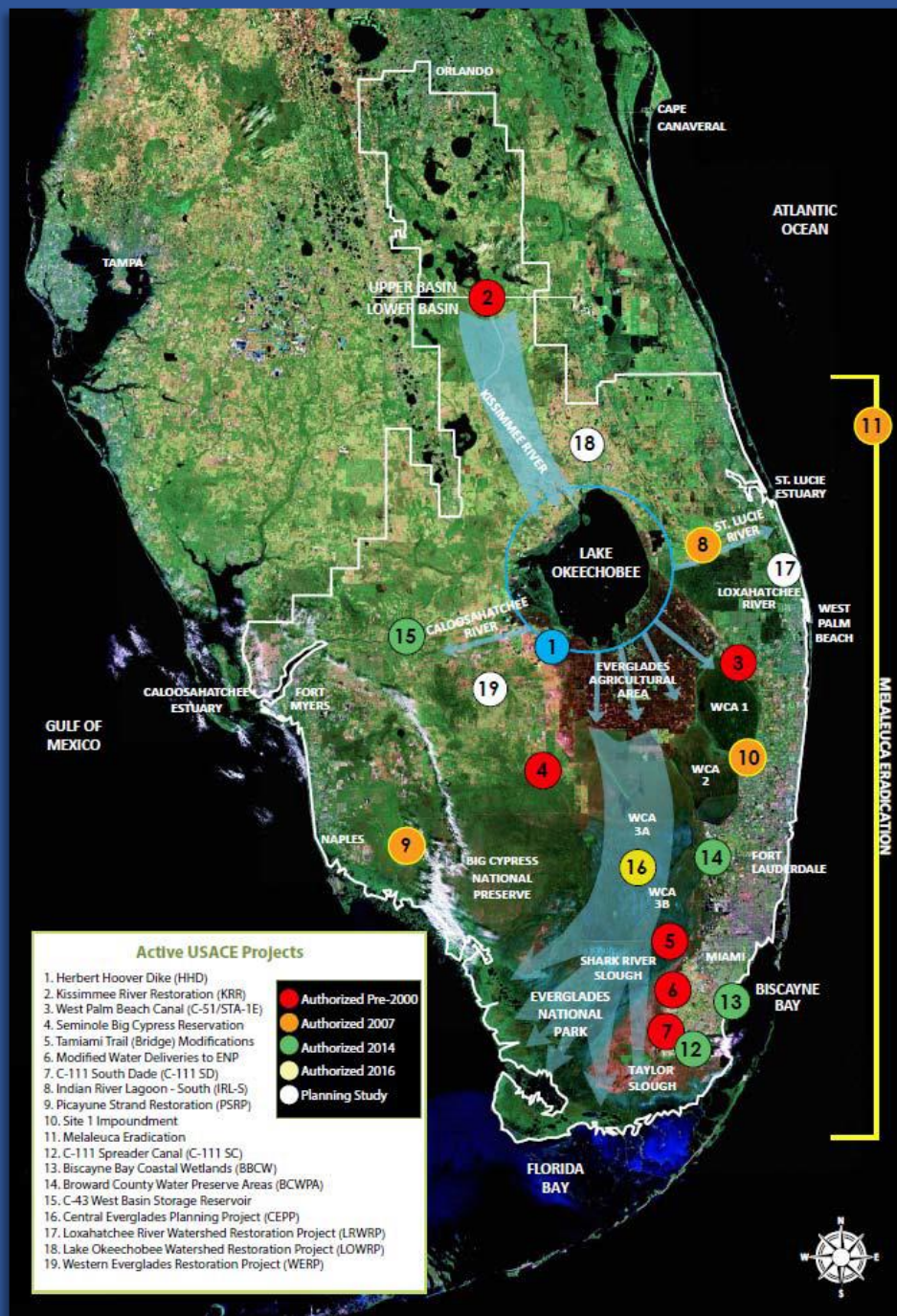
ASFWP

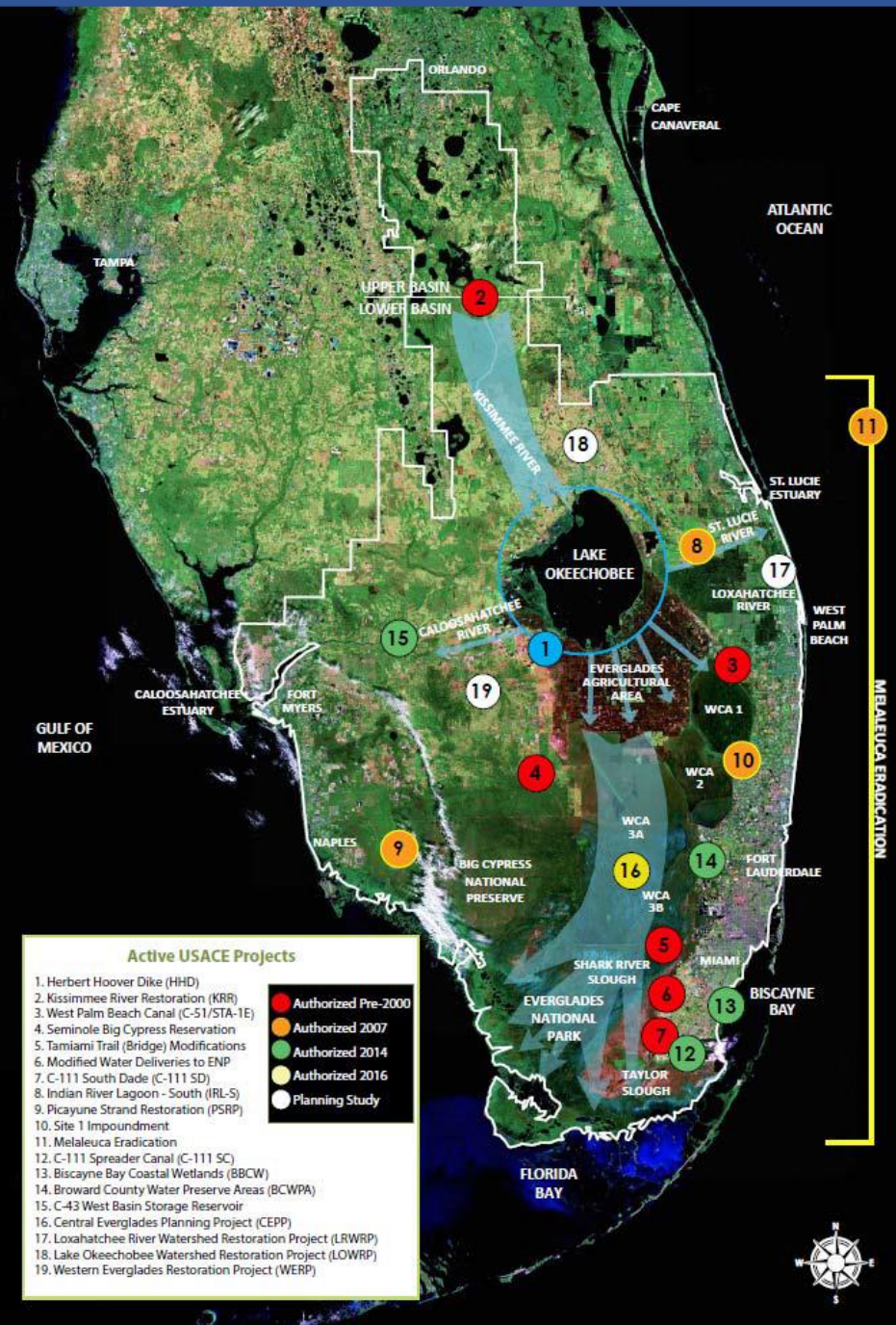
ASSISTANT SECRETARY FOR FISH, WILDLIFE AND PARKS [DEPT OF INT]



PDASA

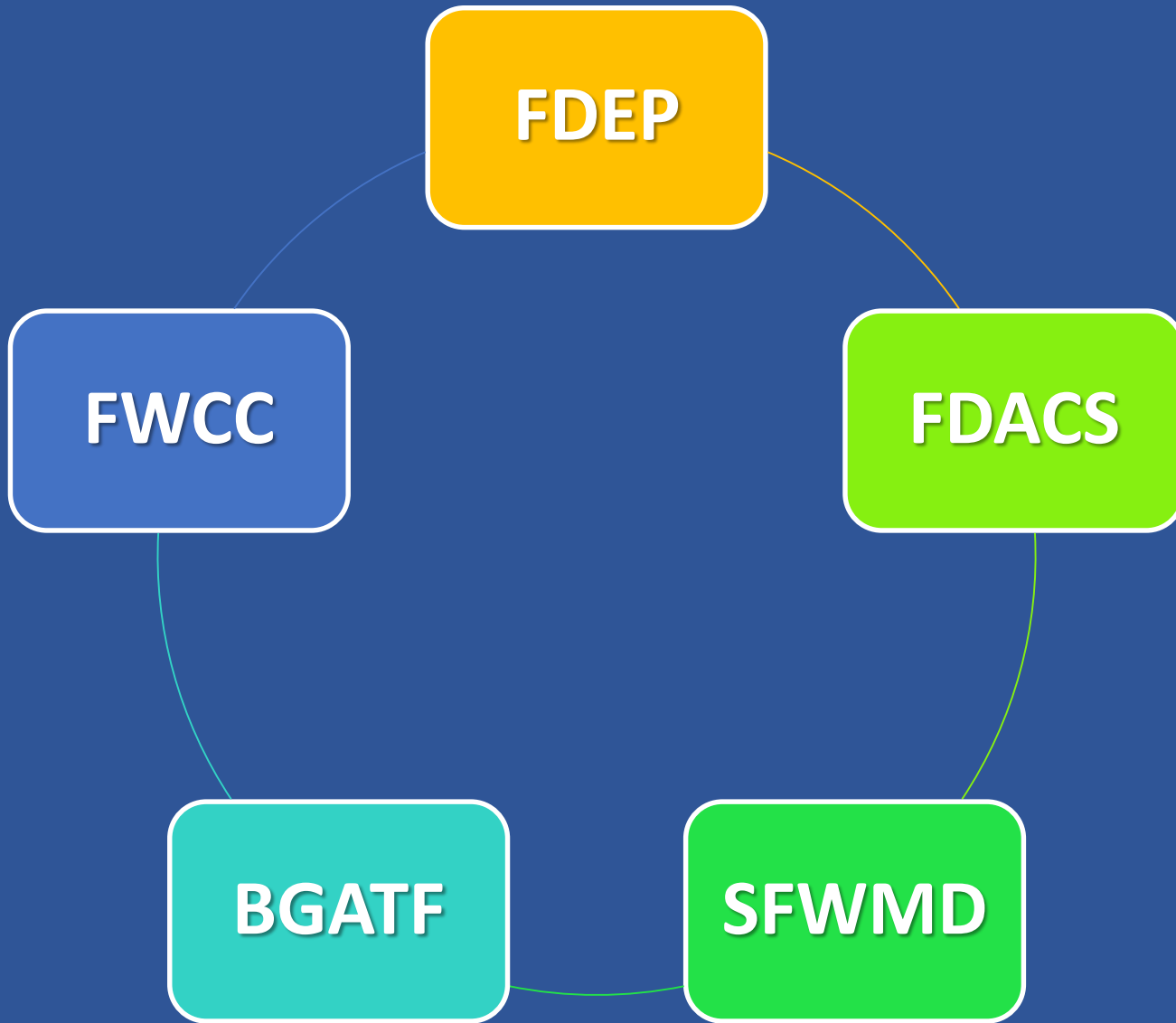
PRINCIPAL DEPUTY ASSISTANT SECRETARY OF THE ARMY





SFERTF

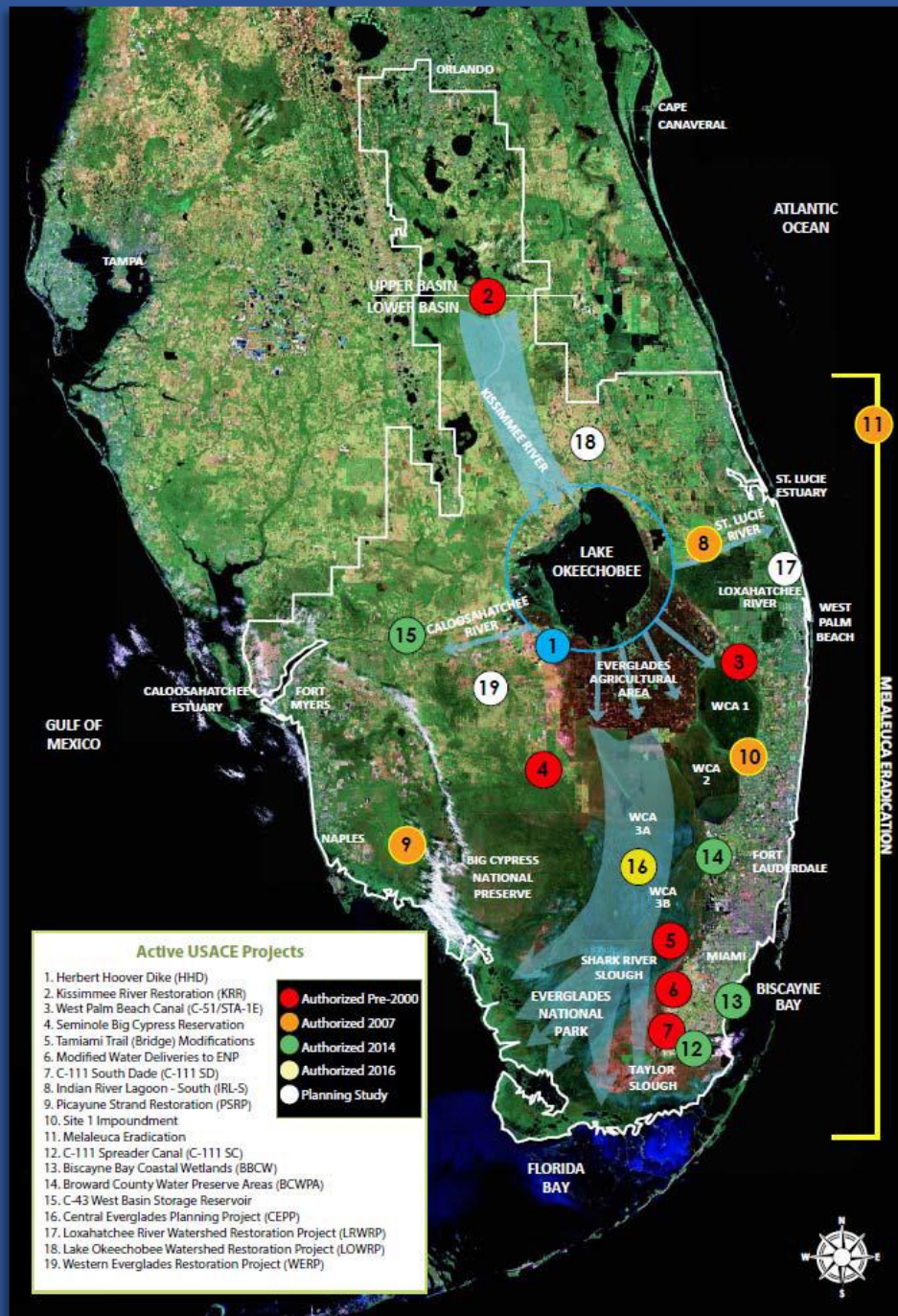
SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE



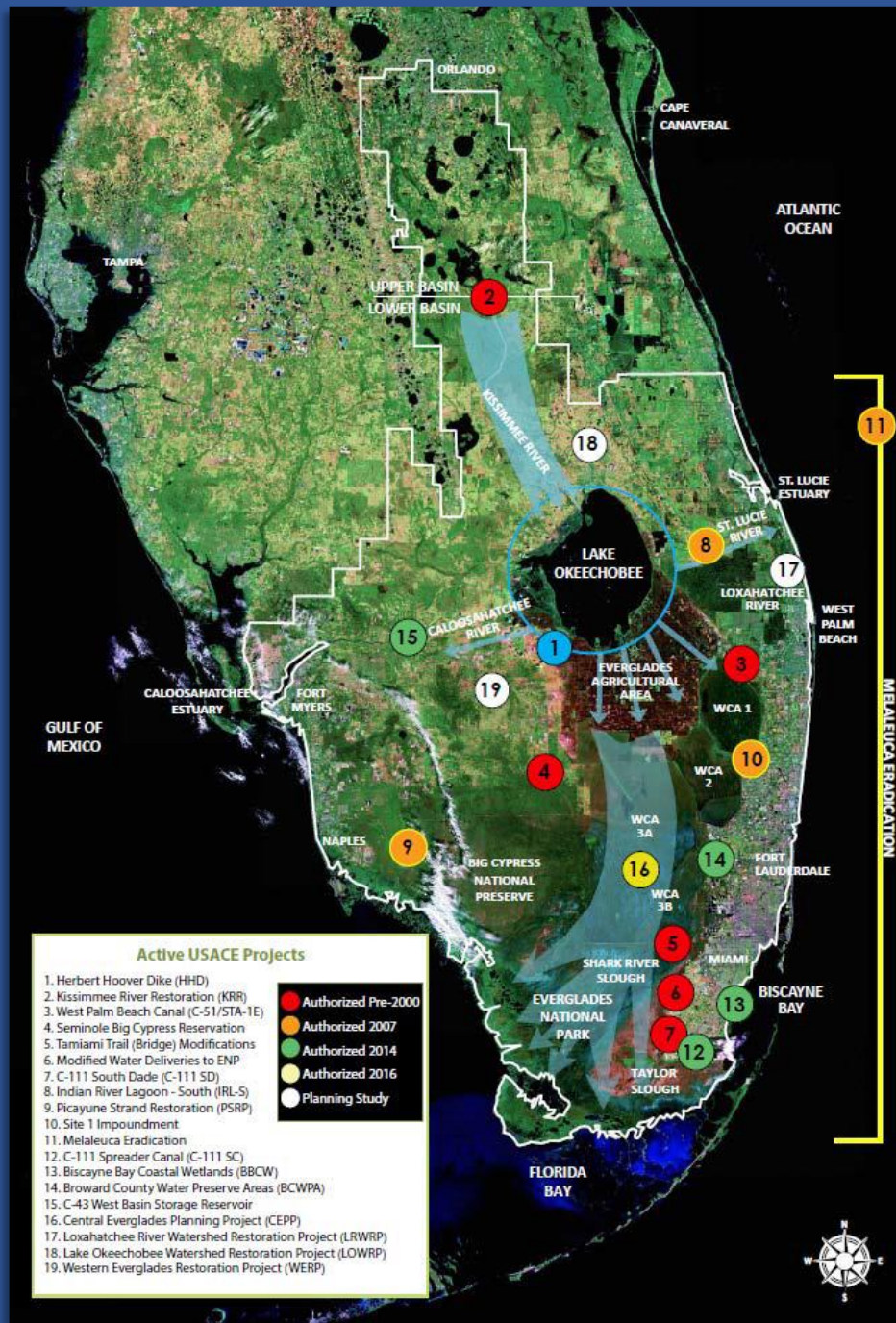
State Agencies/Bodies

- Florida Department of Environmental Protection
- Florida Department of Agriculture and Consumer Services
- Florida Fish and Wildlife Conservation Commission
- Blue Green Algae Task Force
- South Florida Water Management District

CEPP CENTRAL EVERGLADES PLANNING PROJECT

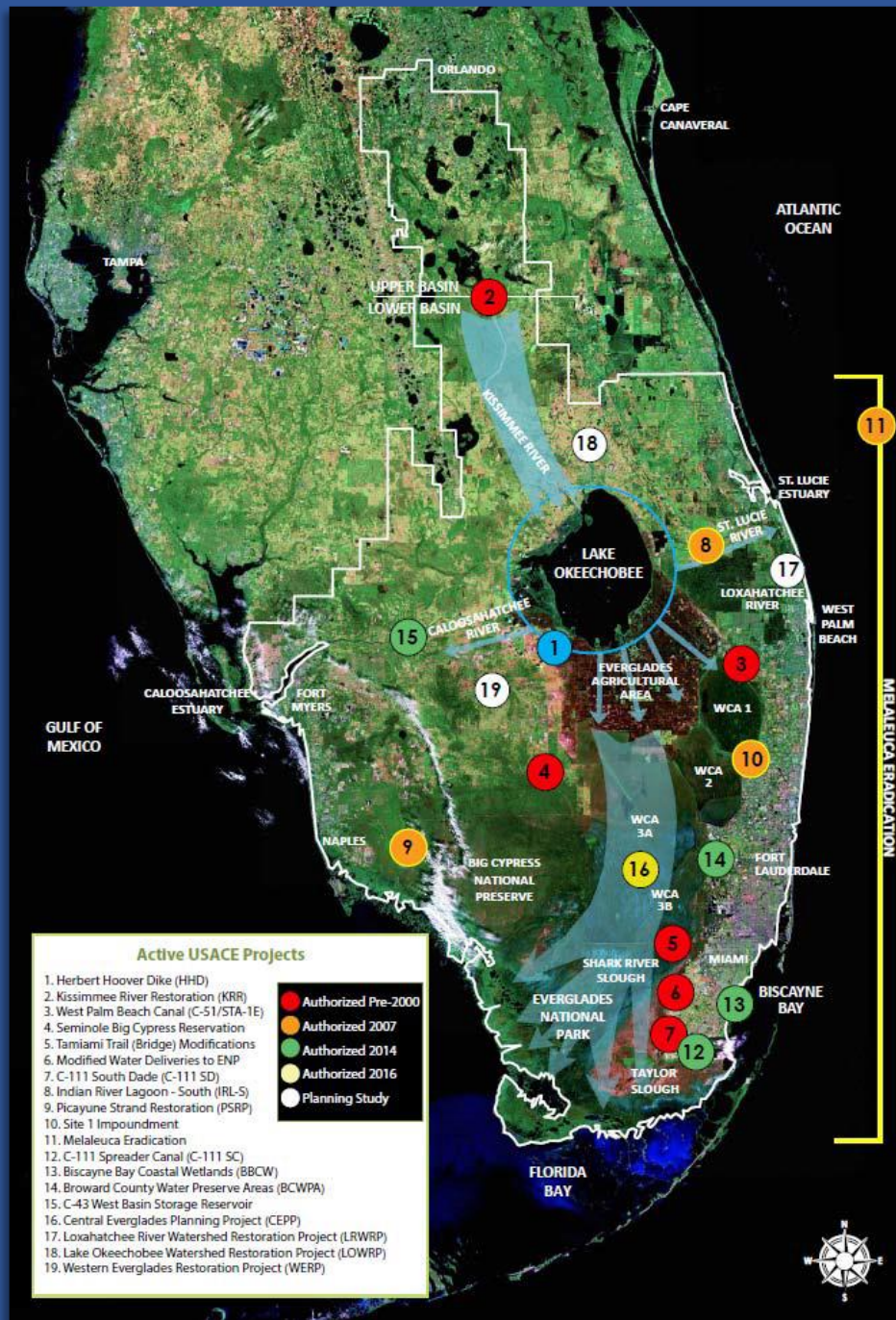


EAA RESERVOIR EVERGLADES AGRICULTURAL AREA RESERVOIR



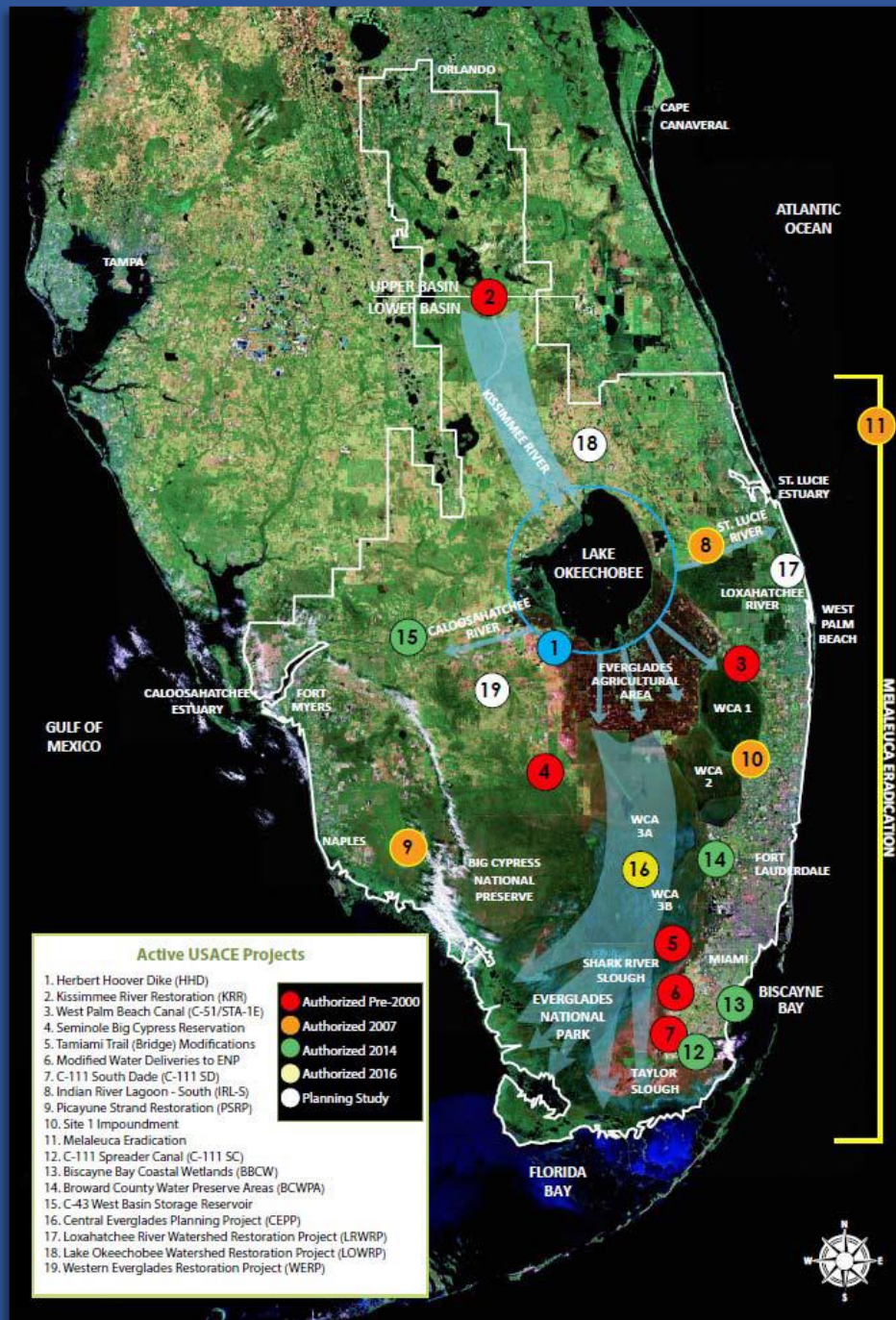
BBCW

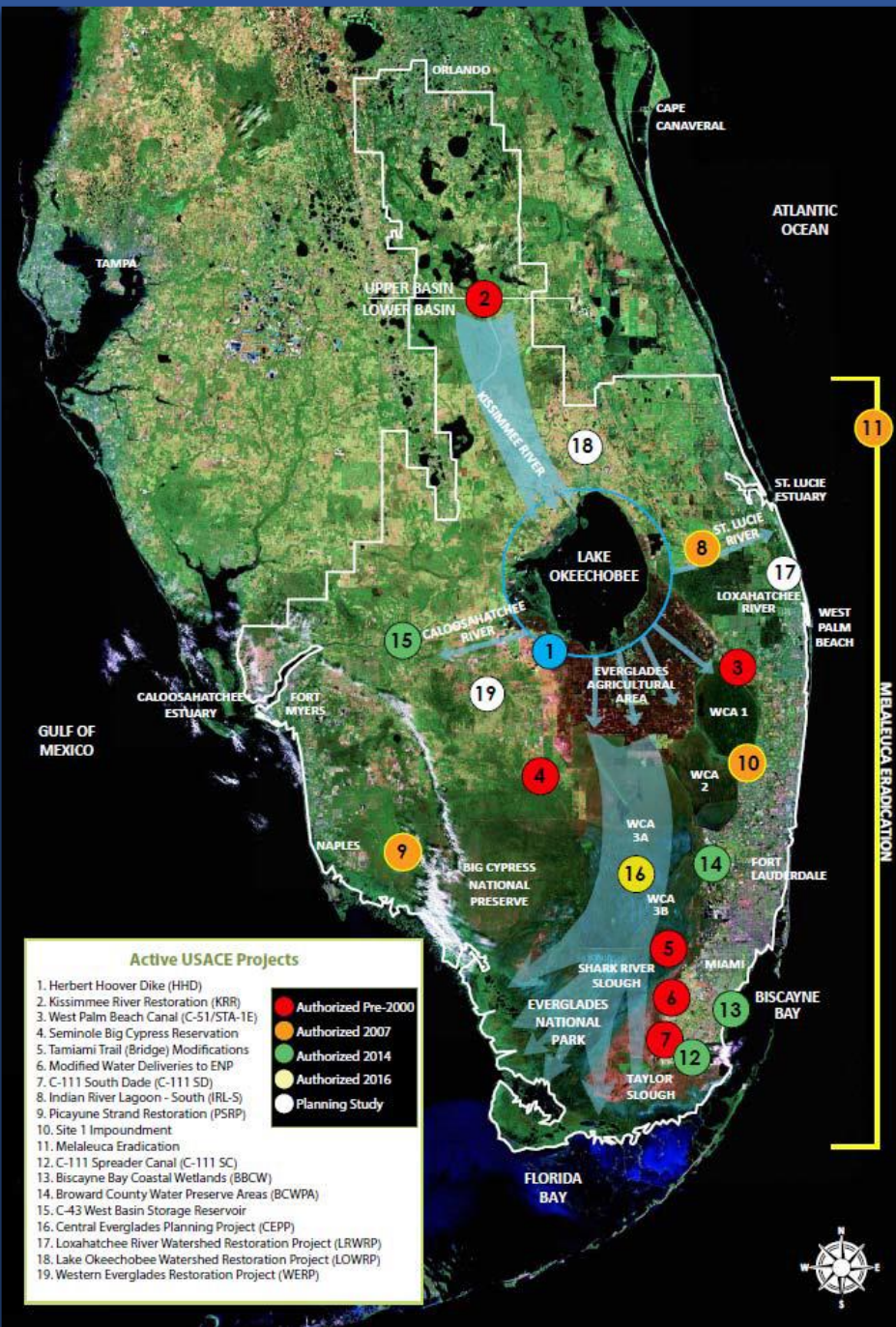
BISCAYNE BAY COASTAL WETLANDS



PSRP

PICAYUNE STRAND RESTORATION PROJECT



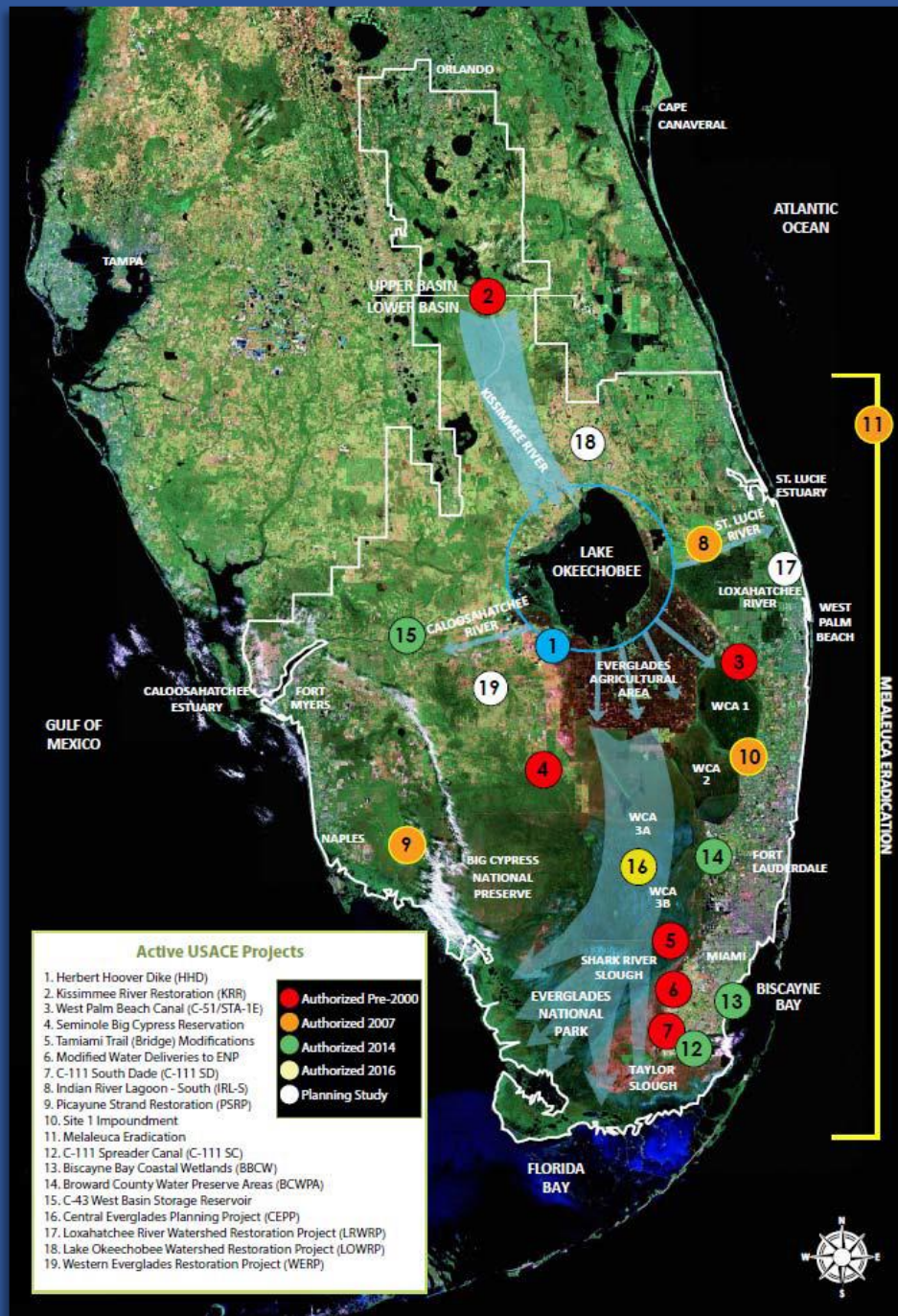


IRL-S

INDIAN RIVER LAGOON SOUTH

LRWRP

LOXAHATCHEE RIVER WATERSHED RESTORATION PROJECT



LOWRP

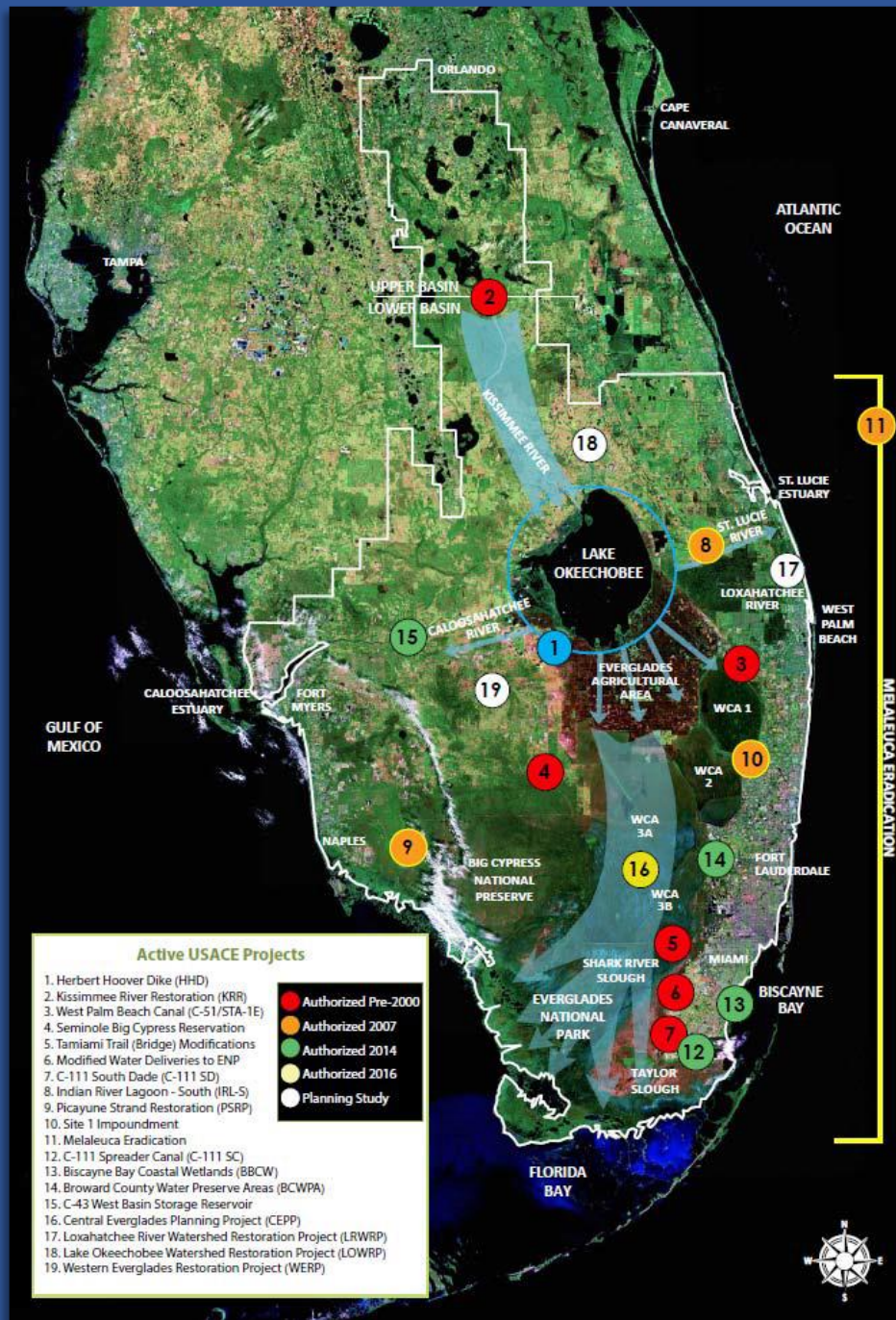
LAKE

OKEECHOBEE

WATERSHED

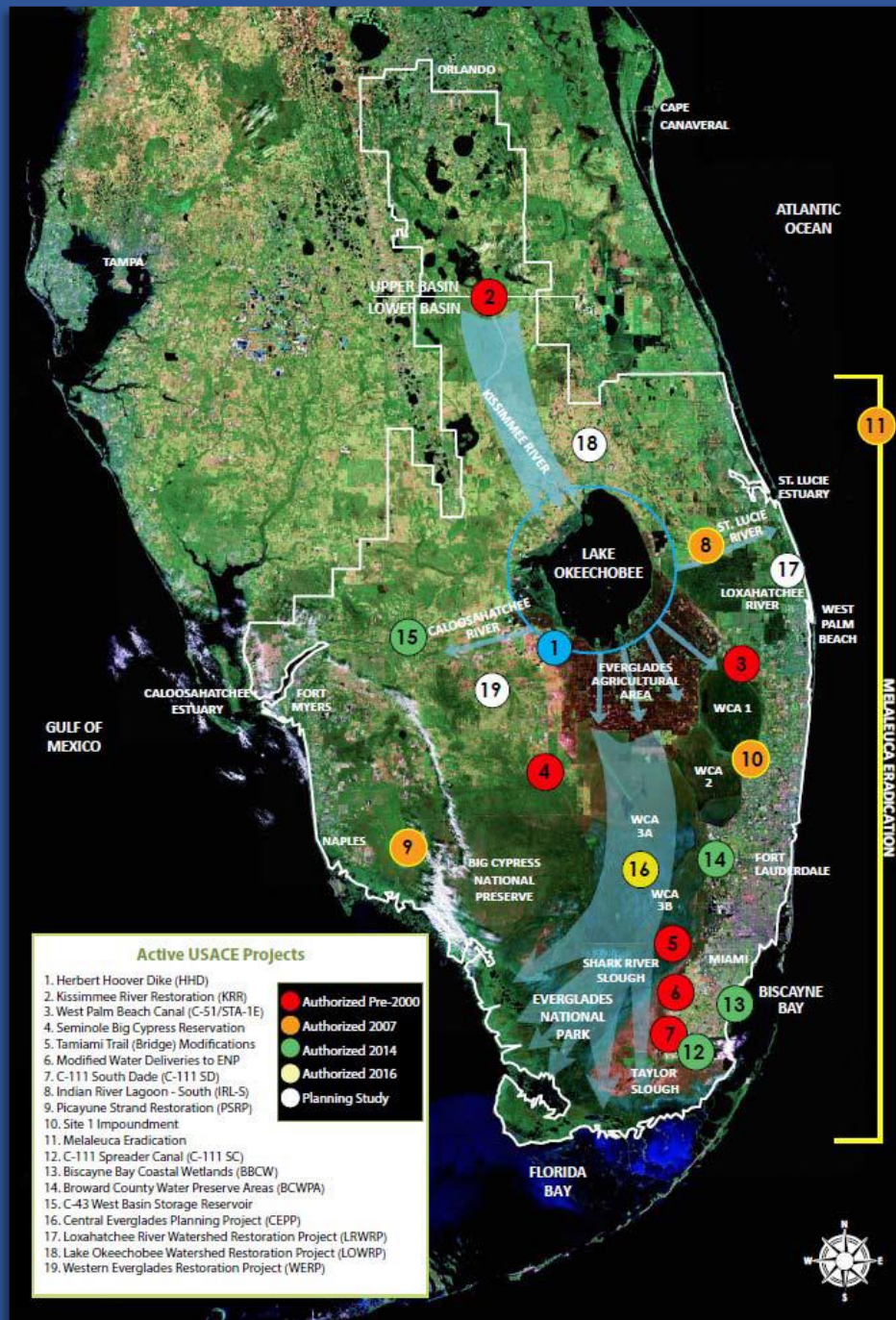
RESTORATION

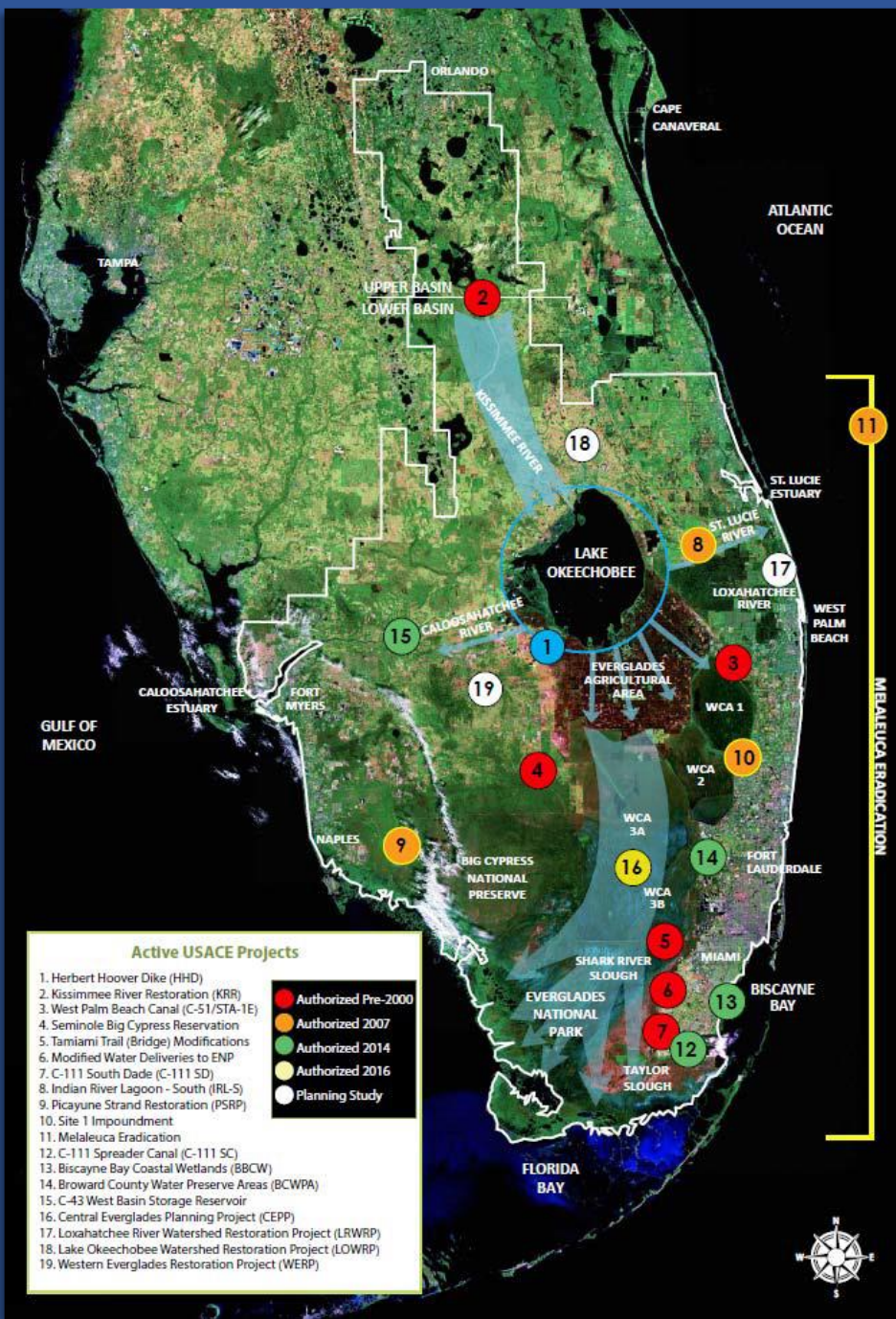
PROJECT



C-111 SC

C-111 SPREADER CANAL WESTERN PROJECT



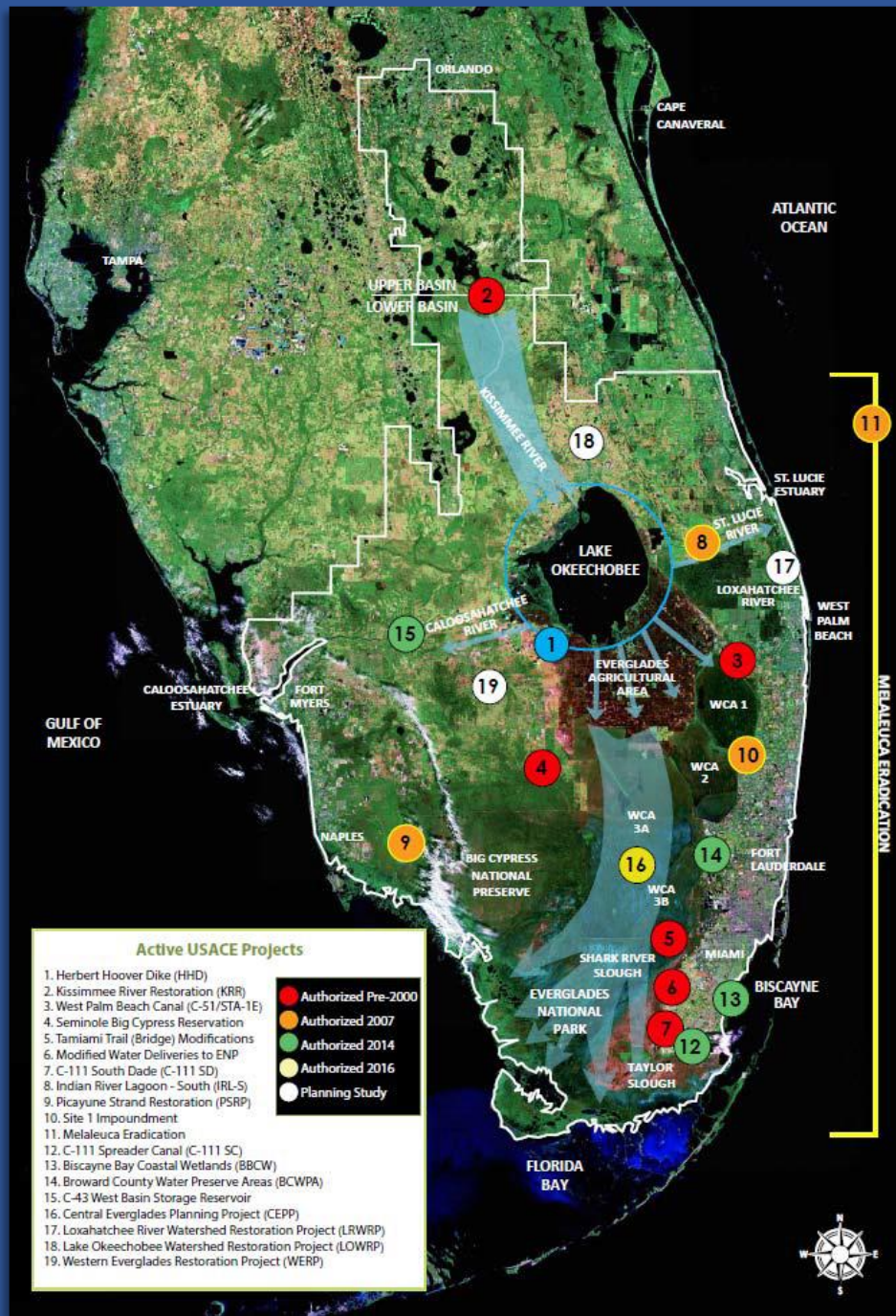


TMDL

TOTAL MAXIMUM DAILY LOAD

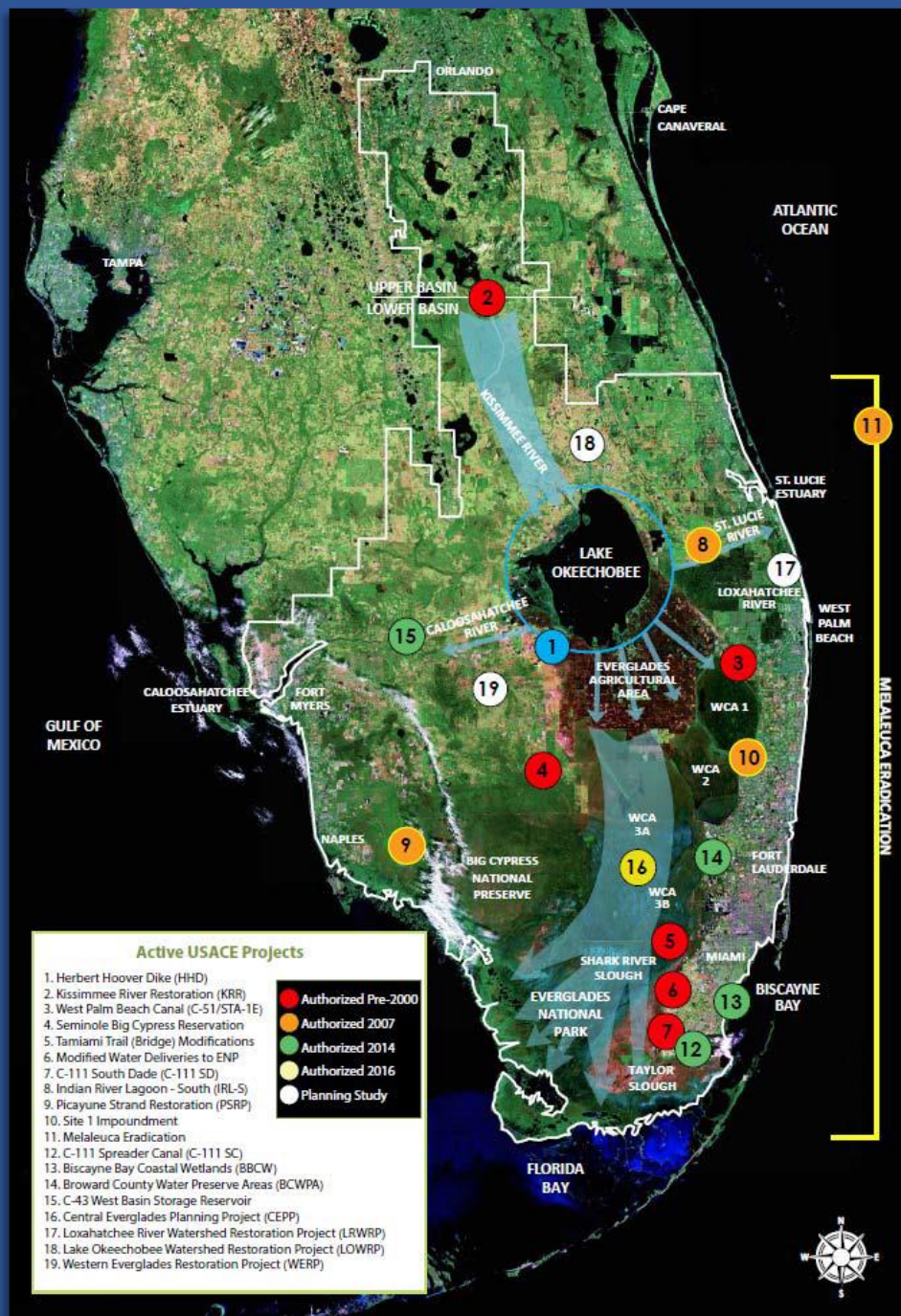
MFL

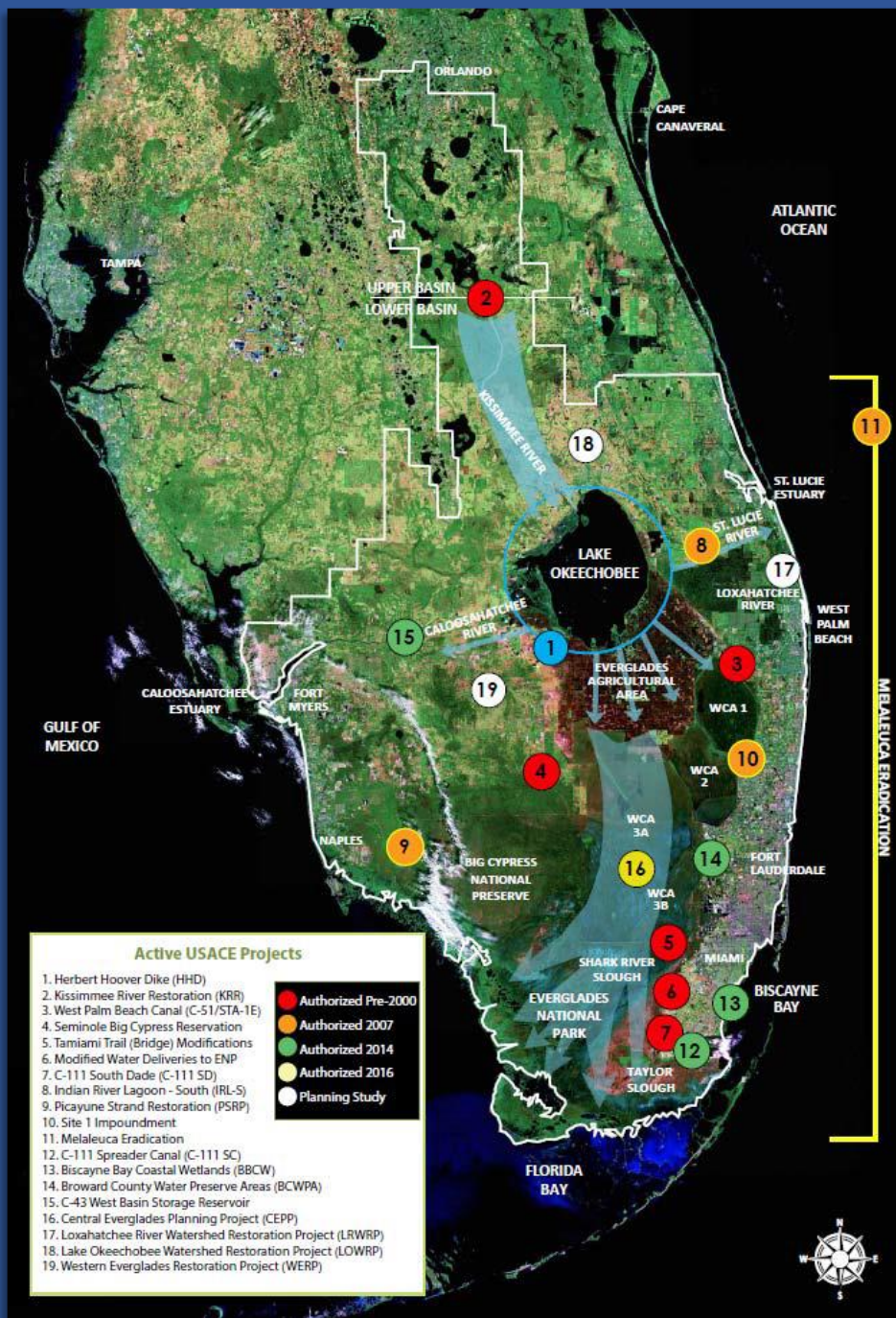
MINIMUM FLOW AND LEVEL



WCA

WATER CONSERVATION AREA

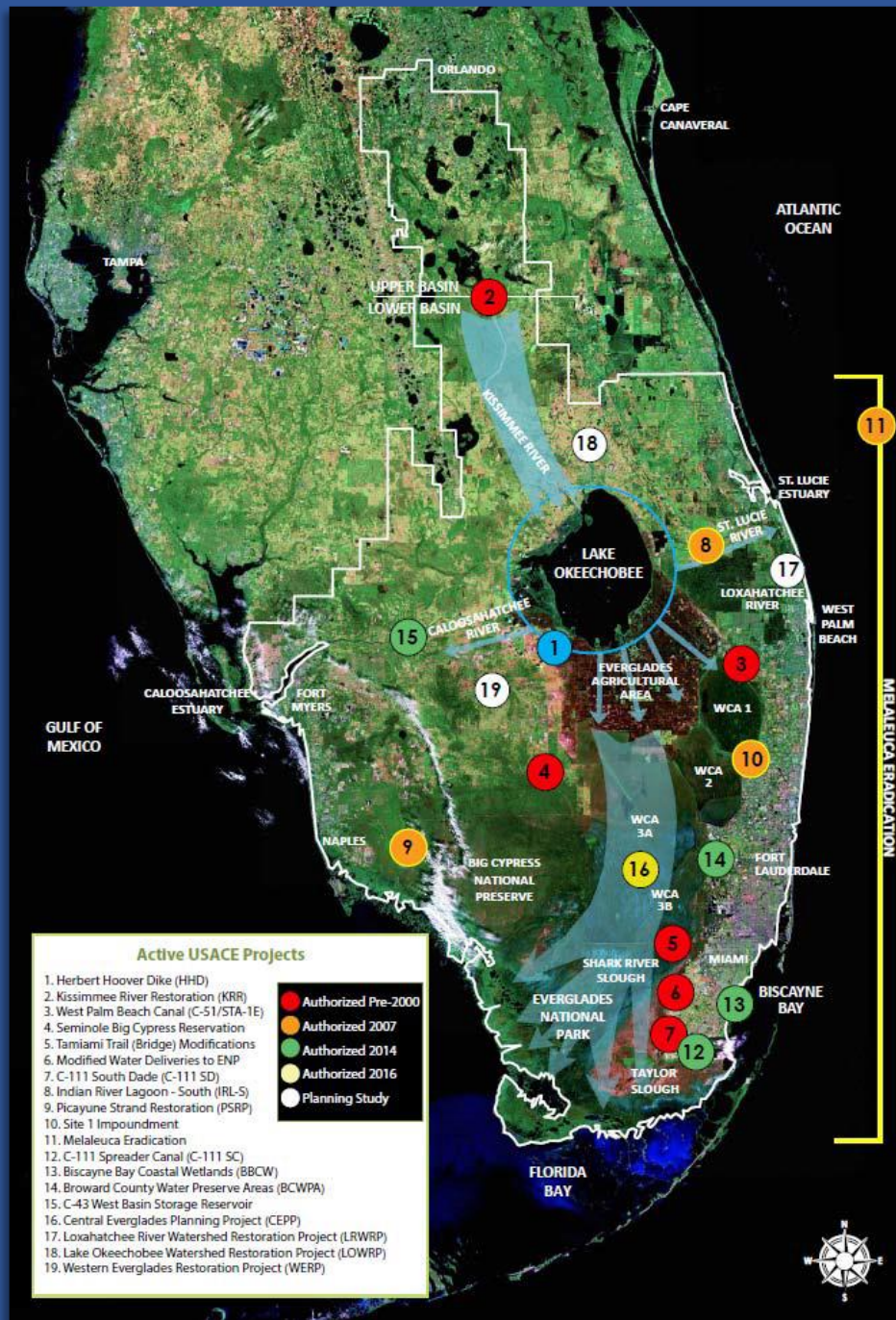




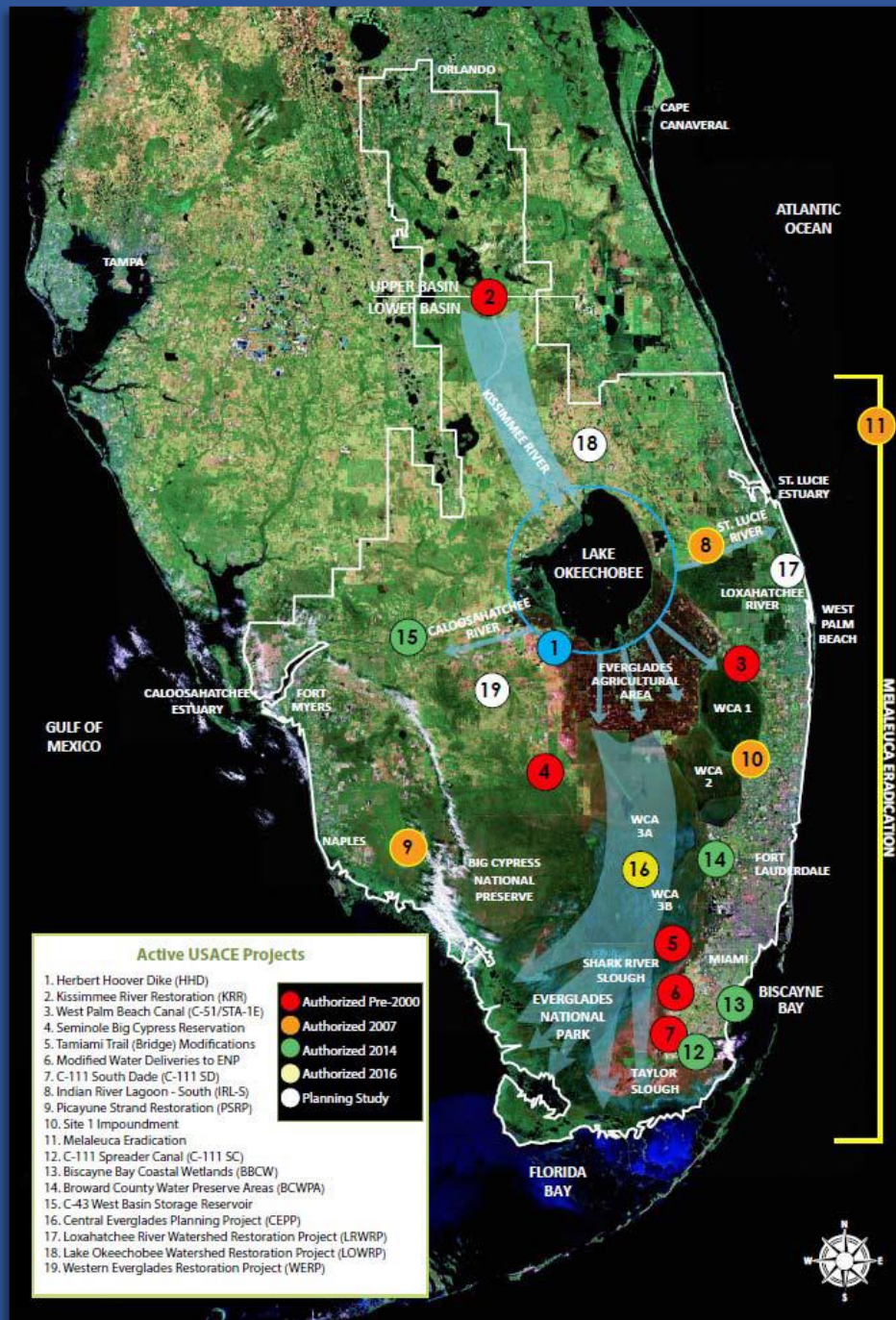
STA

STORMWATER TREATMENT AREA

PSTA PERIPHYTON BASED STORMWATER TREATMENT AREA

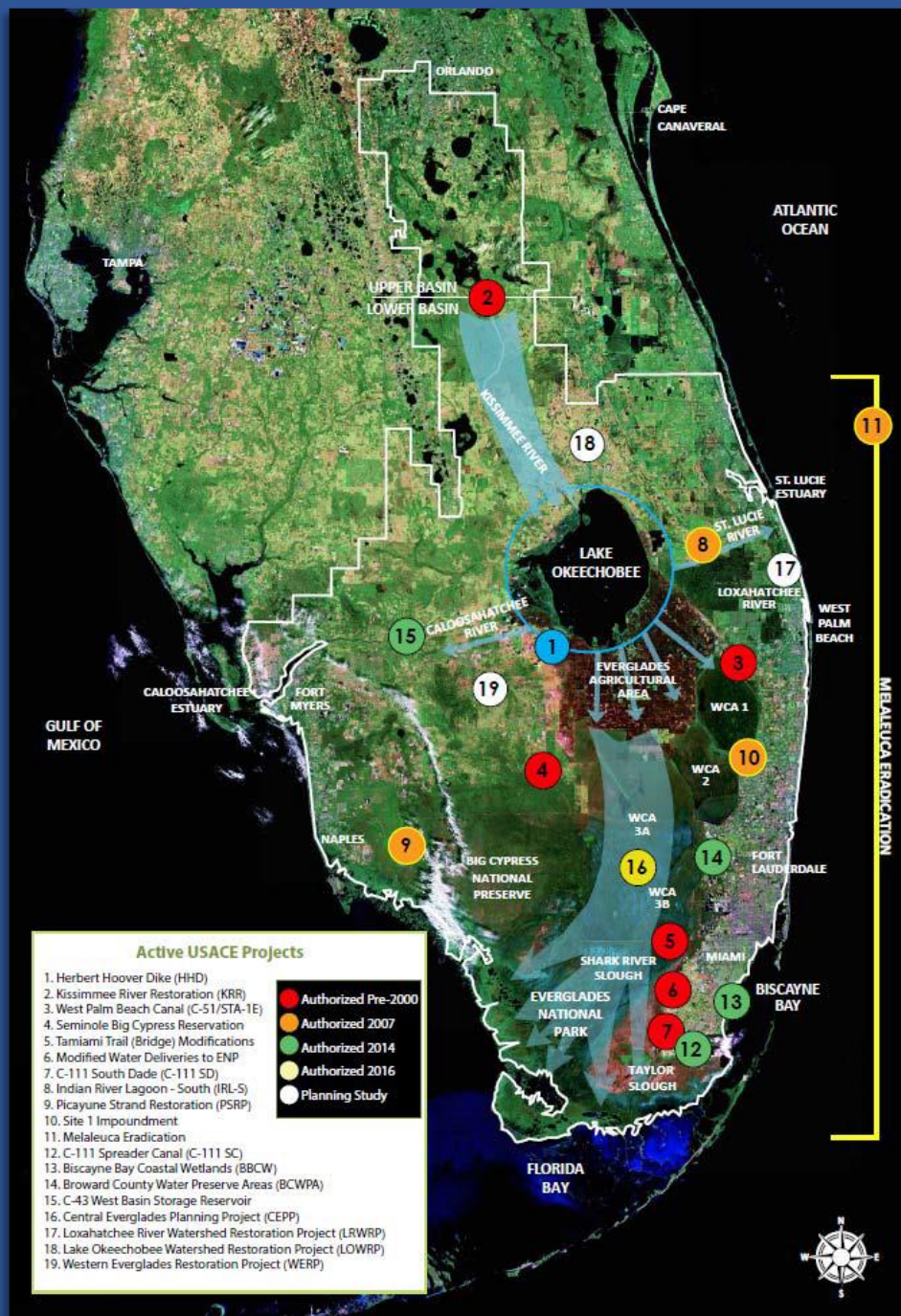


RASTA RESERVOIR ASSISTED STORMWATER TREATMENT AREA

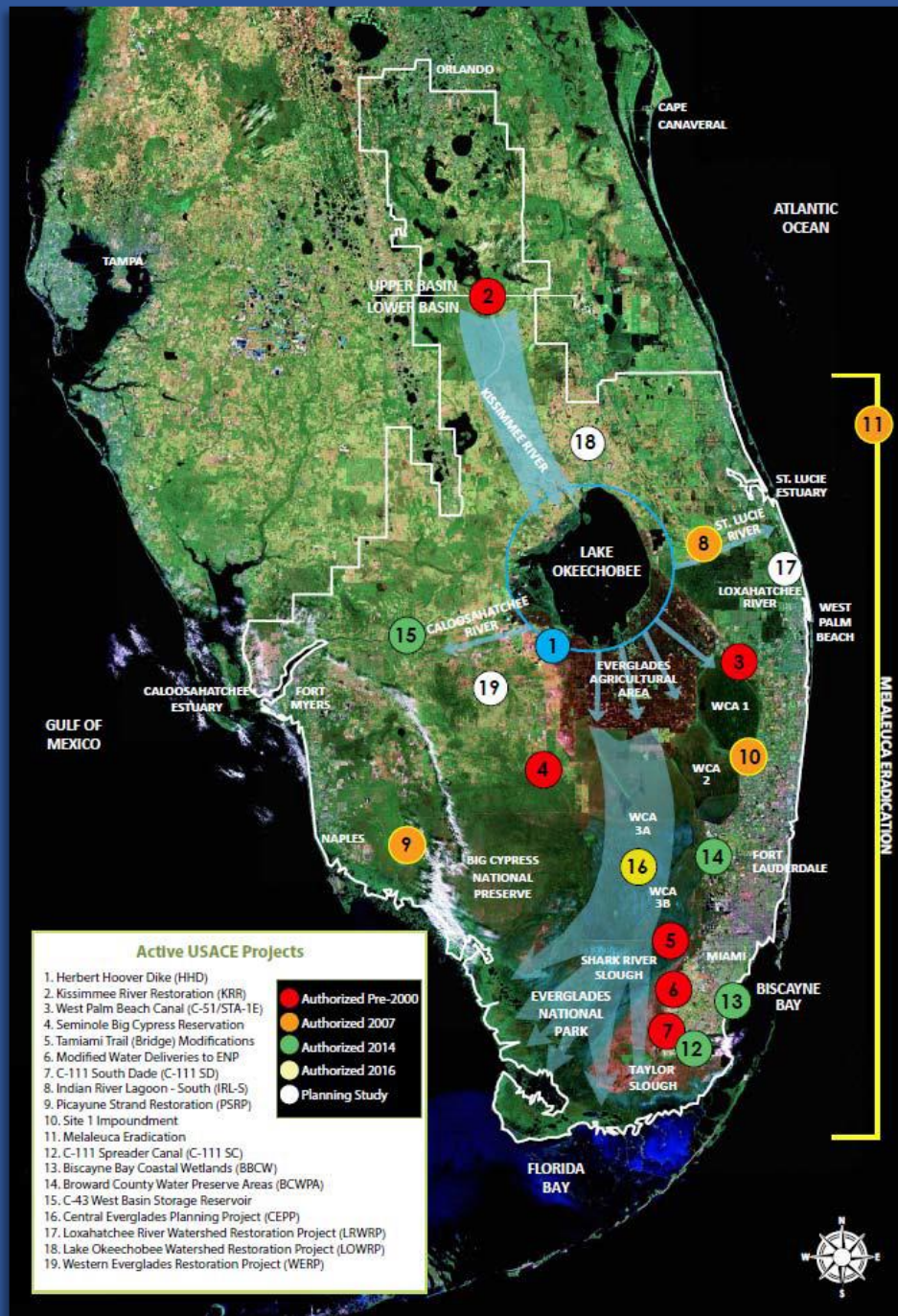


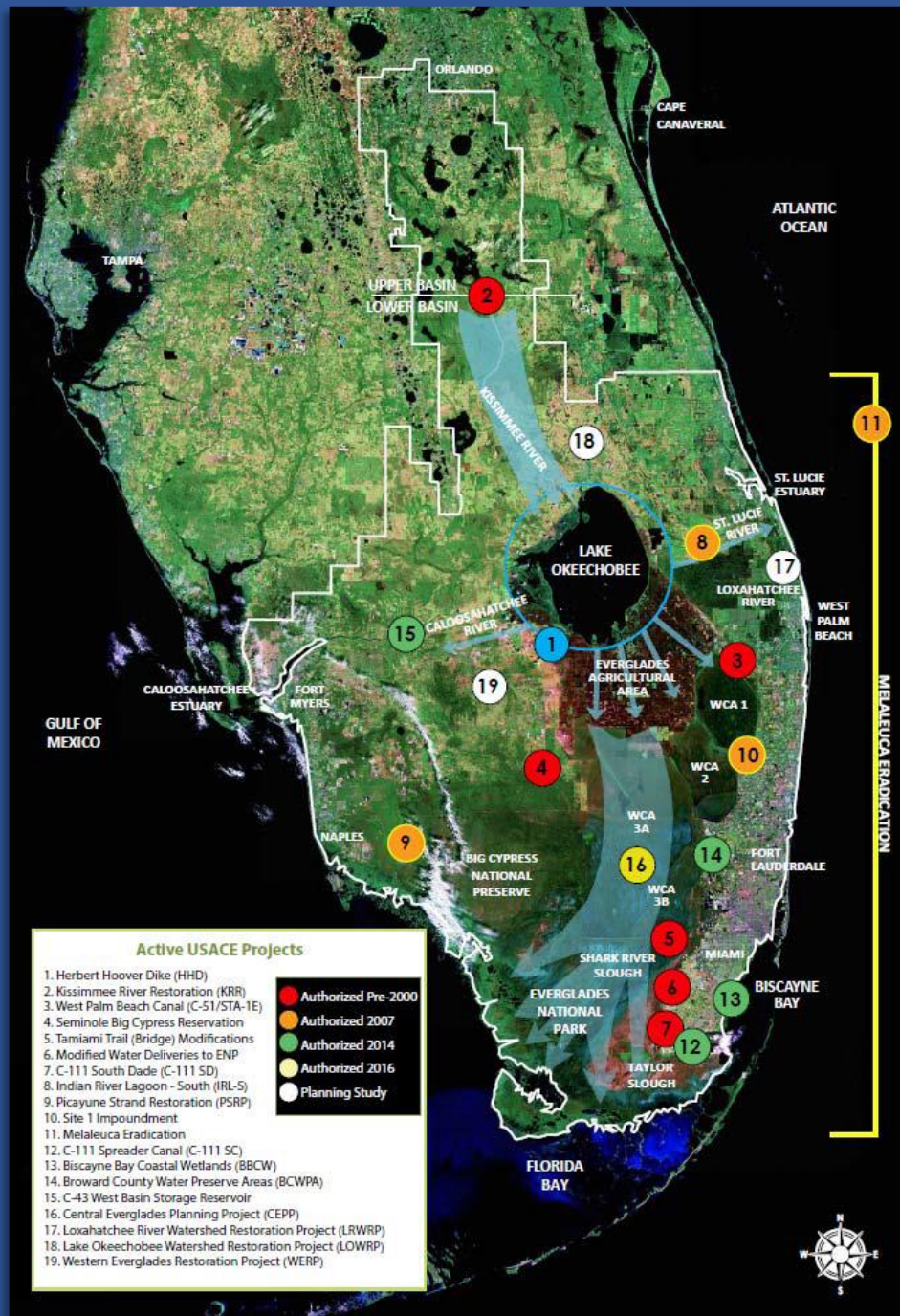
WQBEL

WATER QUALITY BASED EFFLUENT LIMIT



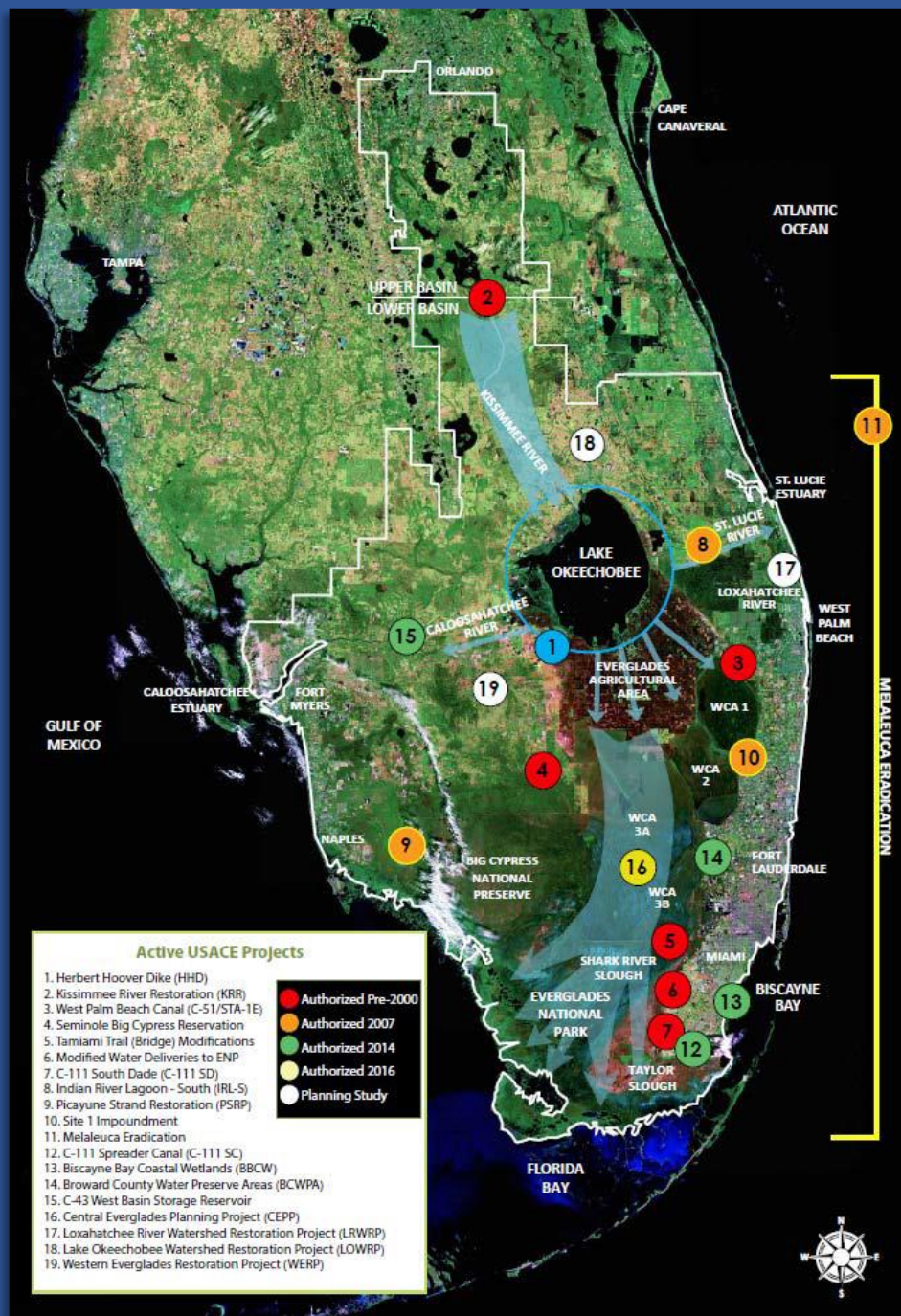
SAV SUBMERGED AQUATIC VEGETATION





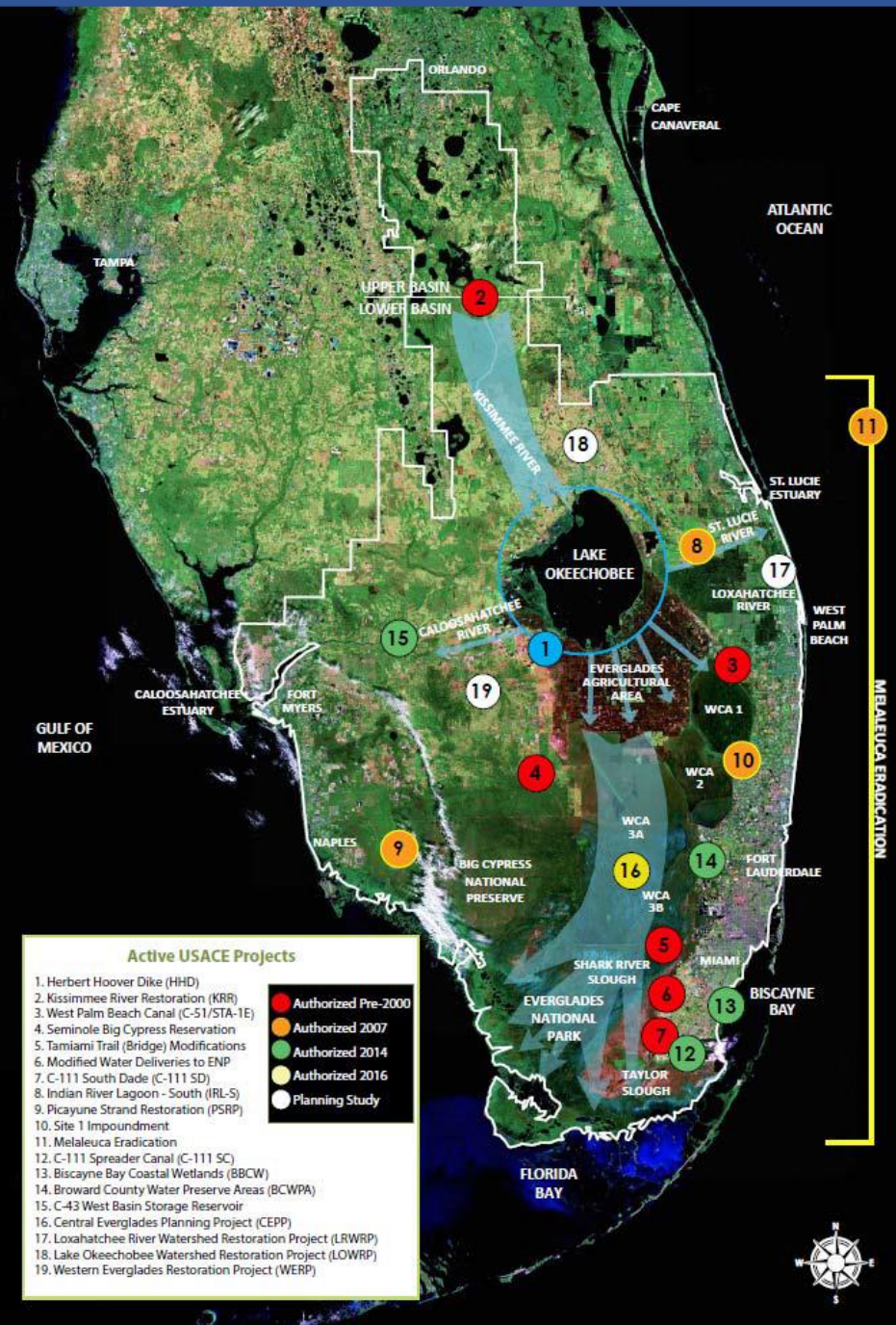
EAV

EMERGENT AQUATIC VEGETATION



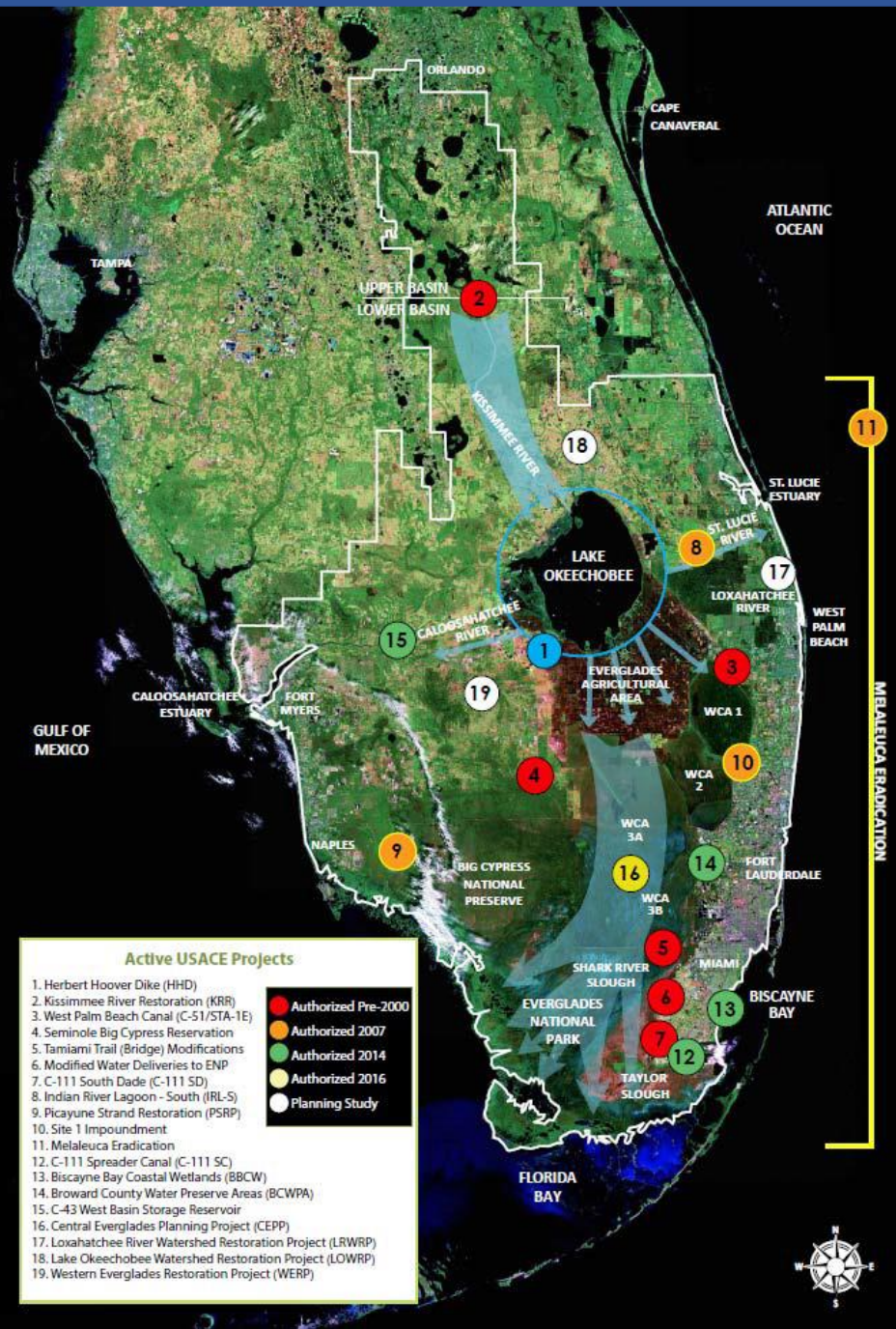
HAB

HARMFUL ALGAL BLOOM



PM

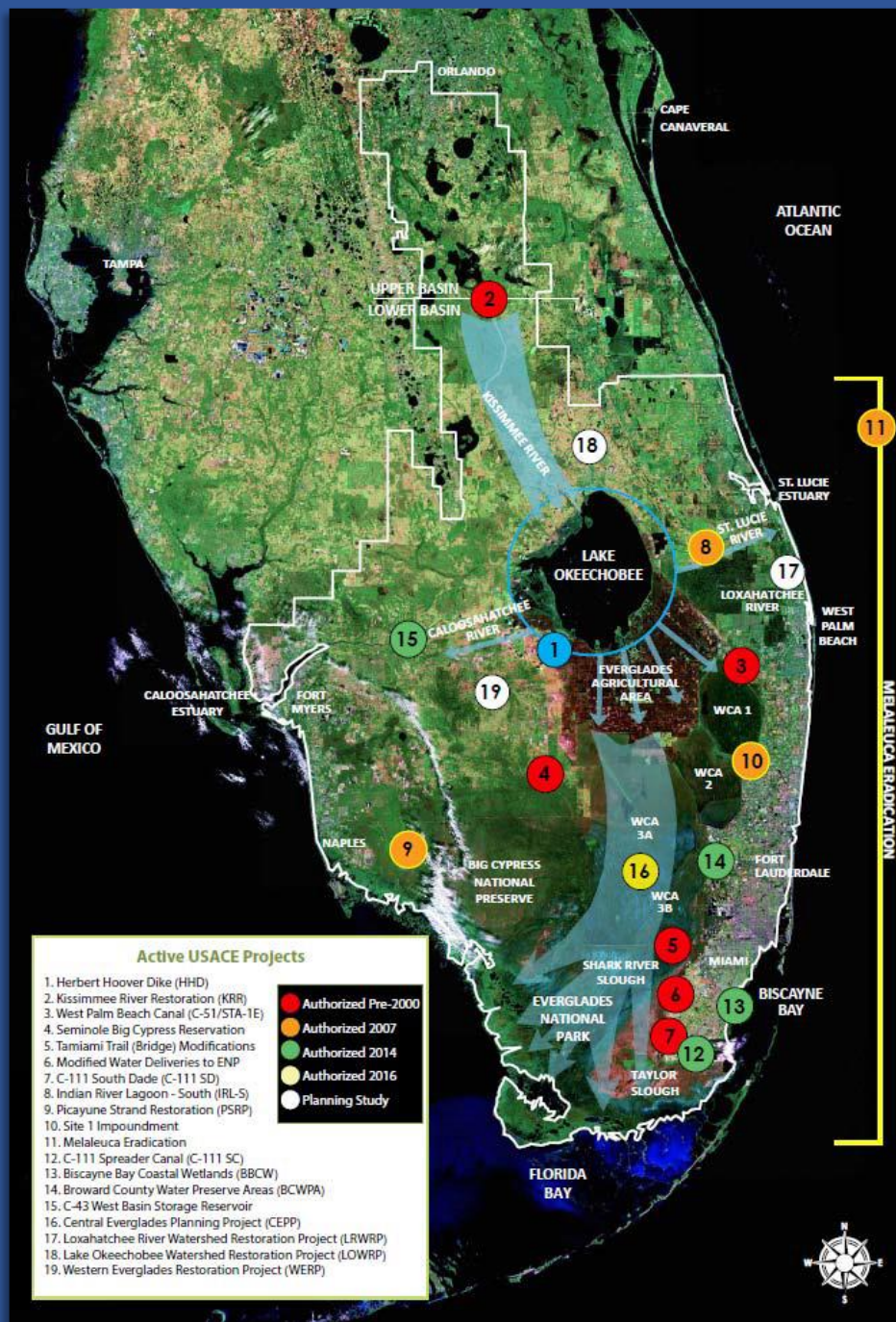
PERFORMANCE MEASURE



AM

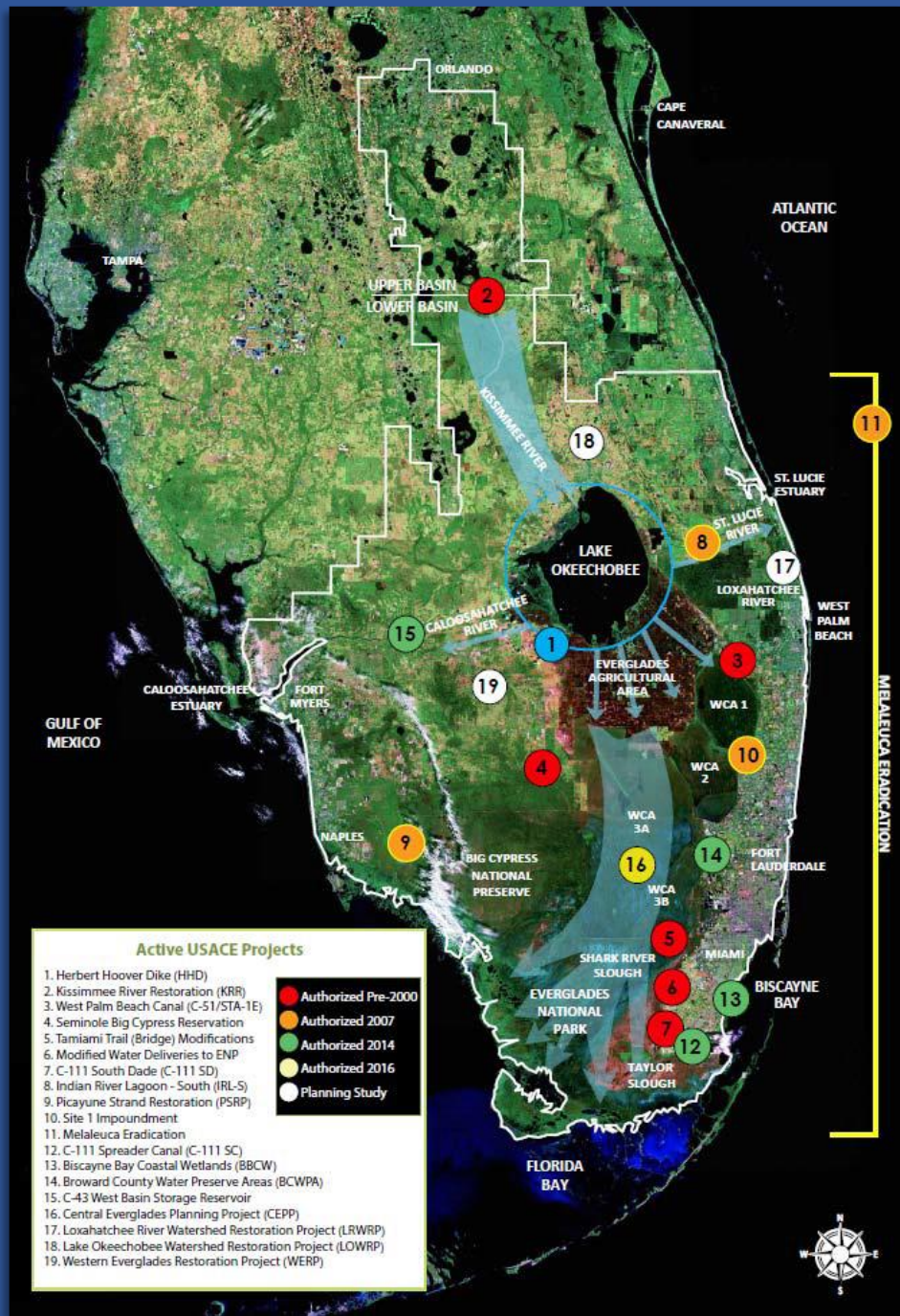
ADAPTIVE MANAGEMENT

HIS HABITAT SUITABILITY INDEX



CEM

CONCEPTUAL ECOSYSTEM MODEL



Acronym Best Practices [create acronym]

- Don't use an acronym or abbreviate if you don't have to
- Don't assume the audience knows what an acronym means
- Define the acronym when first using it
- Minimize communications using acronyms for new team members, the public and decision makers
- Minimize acronyms in PowerPoint presentations
- Be accurate and consistent when using acronyms – LOWRP isn't LOWPP; CERP isn't CEPP
- Don't be afraid to ask what an acronym means!

THANK YOU!