



# Northern Everglades

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Water Resources Advisory Commission

June 7, 2007

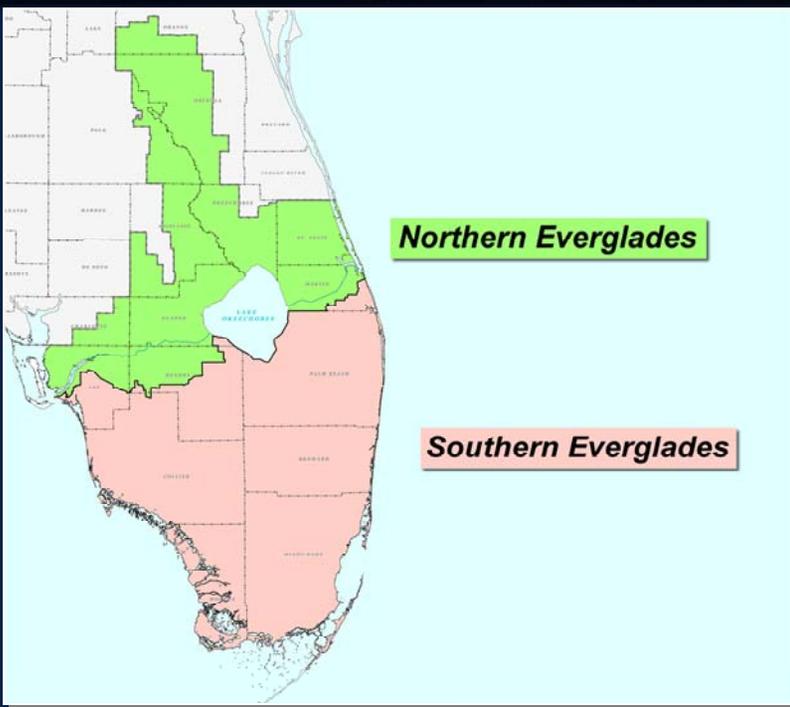


# Everglades Ecosystem

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



## Everglades Ecosystem

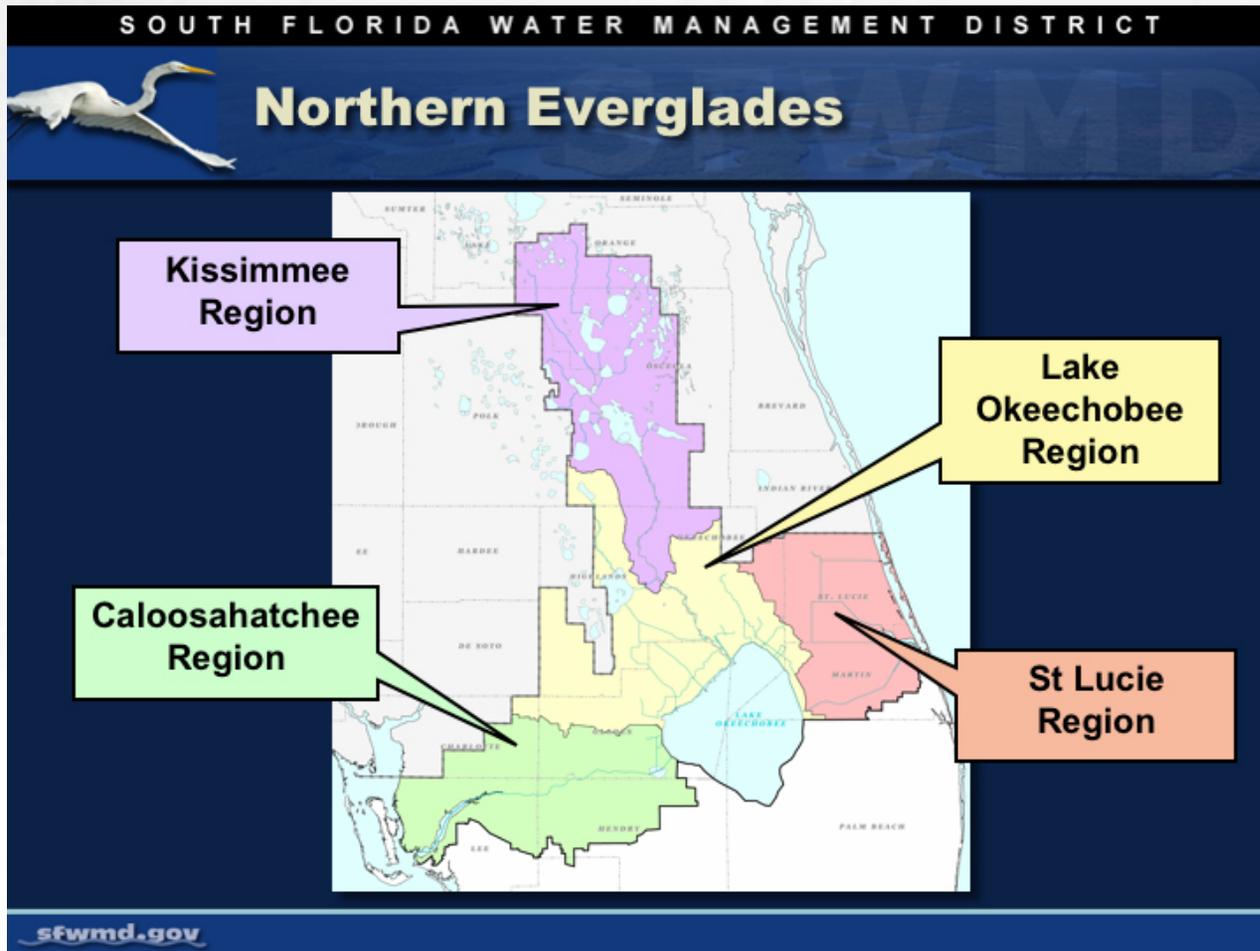


**Northern Everglades**

**Southern Everglades**

[sfwmd.gov](http://sfwmd.gov)

# Northern Everglades











# Northern Everglades Legislation

- **The Northern Everglades legislation provides a dedicated state funding source for the Northern Everglades restoration**
  - **Expanding the use of the Save Our Everglades Trust Fund to include the Lake Okeechobee Watershed Protection Plan and the River's Watershed Protection Plans for the Caloosahatchee and St. Lucie.**
- **The Bill will also extend the state's commitment to provide funding for CERP and the Northern Everglades through the year 2020.**

# Northern Everglades Legislation

- **Expands Lake Okeechobee Protection Program to the Northern Everglades and Estuaries Protection Program**
- **Development of a technical plan to identify the storage and water quality treatment requirements for the Lake Okeechobee watershed by February 1, 2008.**
  - **Process Development and Engineering component**
- **Development of the Caloosahatchee and St. Lucie Rivers Watershed Protection Plans to identify watershed storage projects and water quality targets by January 1, 2009.**

# Northern Everglades Legislation

- **Implementation of projects to meet the Lake Okeechobee Total Maximum Daily Load of 140 metric tons of phosphorus to the Lake by 2015.**
- **The watershed protection plans will be the basis for Basin Management Action Plans (BMAPs)**
- **Data used in the technical plans will be updated every three years**

# Northern Everglades Legislation

- **The Caloosahatchee and St. Lucie River Watershed Protection Programs will include goals for salinity envelopes and freshwater inflow targets for each estuary**
- **Total maximum daily loads for tidal portions of Caloosahatchee River and estuary to be proposed for final agency action by December 31, 2008 by Department of Environmental Protection**

# Northern Everglades

- **Funding –**
  - **\$5 million per year to implement each River Watershed Protection Plan**
    - **Matched by SFWMD and Martin and Lee Counties (\$15 Million per year per estuary through the year 2020)**
  - **Best Management Practices**
  - **Lake Okeechobee Phase I and II Technical Plans**
  - **\$100 Million per year continued funding for CERP through the year 2020.**

# Everglades Appropriations FY 07-08

## District Everglades Funding

■ CERP/Land Acquisition	\$100,000,000
■ Ph I & II Lake Okeechobee Watershed Protection Plan	\$49,000,000
■ Caloosahatchee/St. Lucie/Okeechobee Basins	\$30,000,000
■ Caloosahatchee Watershed Projects	\$5,000,000
■ St. Lucie Watershed Projects	\$5,000,000
■ Biological Wetland and Chemical/Hybrid Treatment	<u>\$5,000,000</u>
■ Total	\$194,000,000

## District Supported Everglades Funding

■ DACS BMPs	\$6,000,000
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# Technical Plan for Phase II of the Lake Okeechobee Watershed Construction Project Initial Steps

- **Assemble SFWMD team, identify cooperating agency leads**
- **Develop schedule to meet legislatively mandated deadline**
- **Develop planning assumptions**
- **Develop Regional Simulation Model for water budget analysis**
- **Initiate review and analysis of phosphorus data**
- **Review discharge data and Lake Okeechobee water levels**
- **Identify performance measures**
- **Identify management measures**

# Lake Okeechobee Watershed Protection Program

- **Lake Okeechobee Watershed Protection Program to be developed by the District in cooperation with coordinating agencies.**
- **Coordinating agencies defined as Department Environmental Protection and Department of Agriculture and Consumer Services**

# Caloosahatchee and St. Lucie Watershed Protection Program

- **Caloosahatchee and St. Lucie Watershed Protection Program to be developed by the District in cooperation with coordinating agencies.**
- **Caloosahatchee Watershed cooperating agencies include Lee County, other affected counties and municipalities as well as FDEP and DACS.**
- **St. Lucie Watershed cooperating agencies includes Martin County, other affected counties and municipalities as well as FDEP and DACS.**

# Public Participation Venues for Phase II Technical Plan

- **WRAC Lake Okeechobee Committee**
- **WRAC**
- **Governing Board Updates**
- **Task Force Updates**
- **Public Meetings**



Questions