



Introduction: South Florida Water Management and Water Law

Everglades Case Study

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Welcome IHE and Law students!
Who are we three?

Objectives of Introductory Lectures

- Information on South Florida
 - History, geography & environmental programs
 - Agriculture, urban areas, future development
 - Water quality programs and modeling
- Legal concepts & environmental cases
 - Examples of environmental law & regulation
- IHE and Law students will learn from the South Florida experience

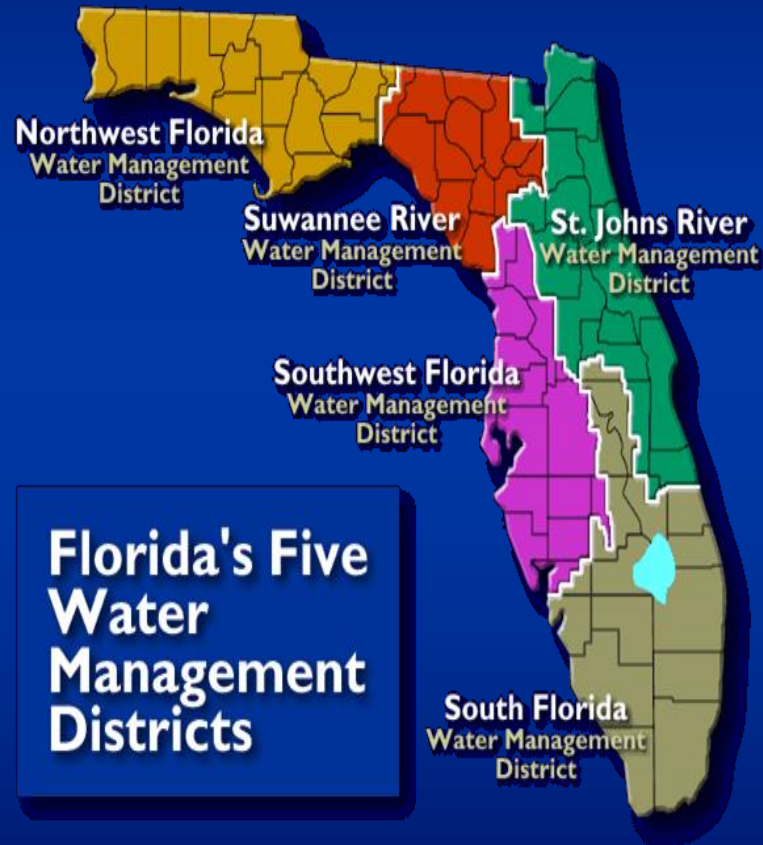
Objectives of Introductory Lectures

- Everglades Case Study identifies principles & concepts for environmental management
 - Learn from Florida successes and failures
 - Discuss examples from other nations
- Take home messages are far more important than the details from South Florida examples
- Learn each other with international examples during lectures and at the Tuesday reception

Objectives of Introductory Lectures

- After each lecture, we seek discussion of material and examples from other nations
 - *See the list of general questions in the lecture outline*
- On Tuesday evening, we will have a reception and opportunity for interaction between all students
 - *We thank the Institute for this opportunity to get acquainted with each other and discuss environmental management challenges across nations*

Water Management Districts in Florida



- Formed by the State Legislature to manage water and related resources
- Based on watersheds, not political areas
- Overseen by Governing Boards
 - *Appointed by Governor*
 - *Meet in public*
- Funded by property taxes, State and Federal funds and other sources

South Florida Water Management District

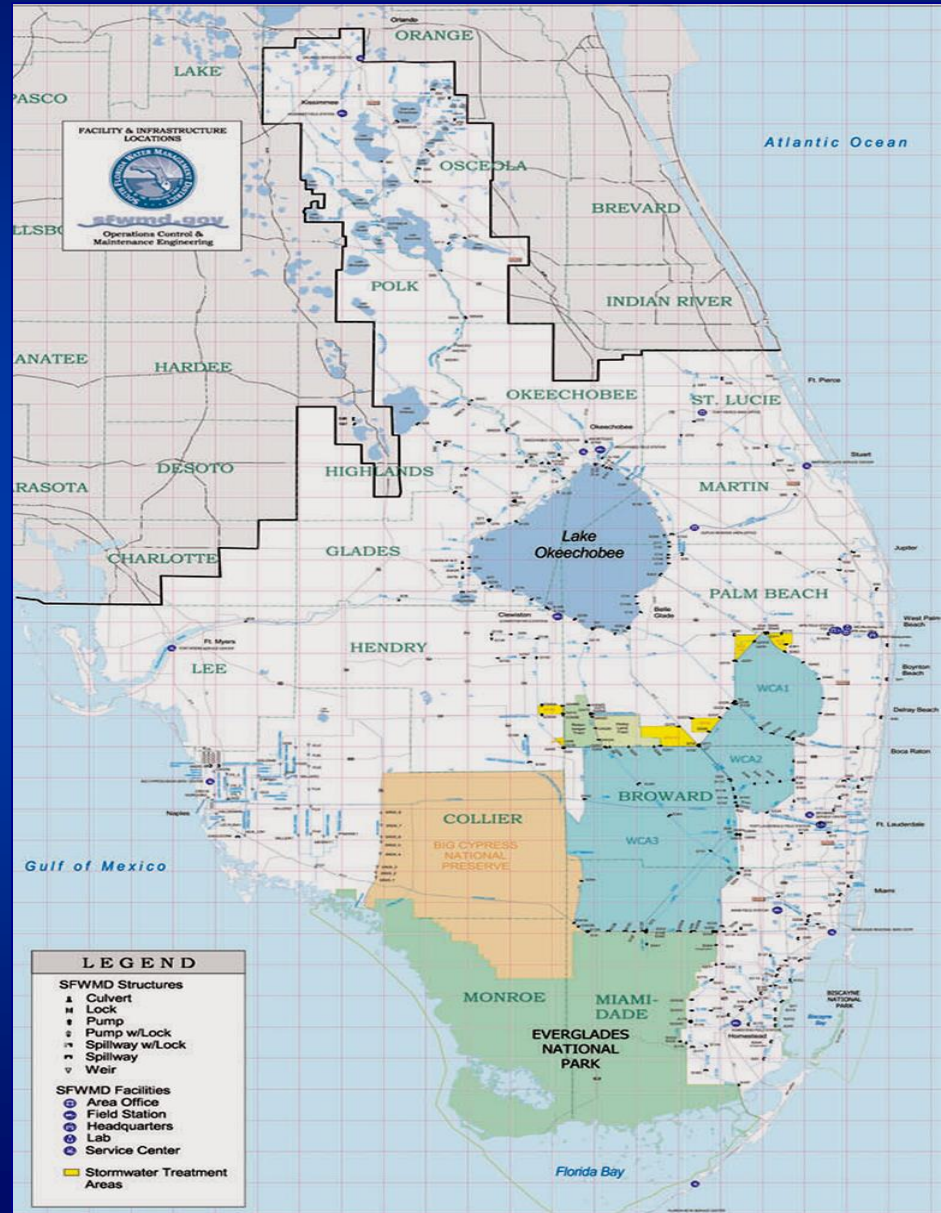
The Setting for the Everglades Case Study

- Formed in 1949 as local sponsor of the Central & South Florida Flood Control Project
- Florida Water Resources Act of 1972 broadened the agency's mission to include:
 - *Water supply*
 - *Water quality protection*
 - *Environmental Management*
 - *Flood protection*



Key facts about the District

- The District covers 44,000 sq. km and 16 counties from Orlando to Key West
 - You will see many parts of the District
- The agency manages water resources for a population of over seven million....*designed for far smaller population*



Purposes of the Central and Southern Florida Project

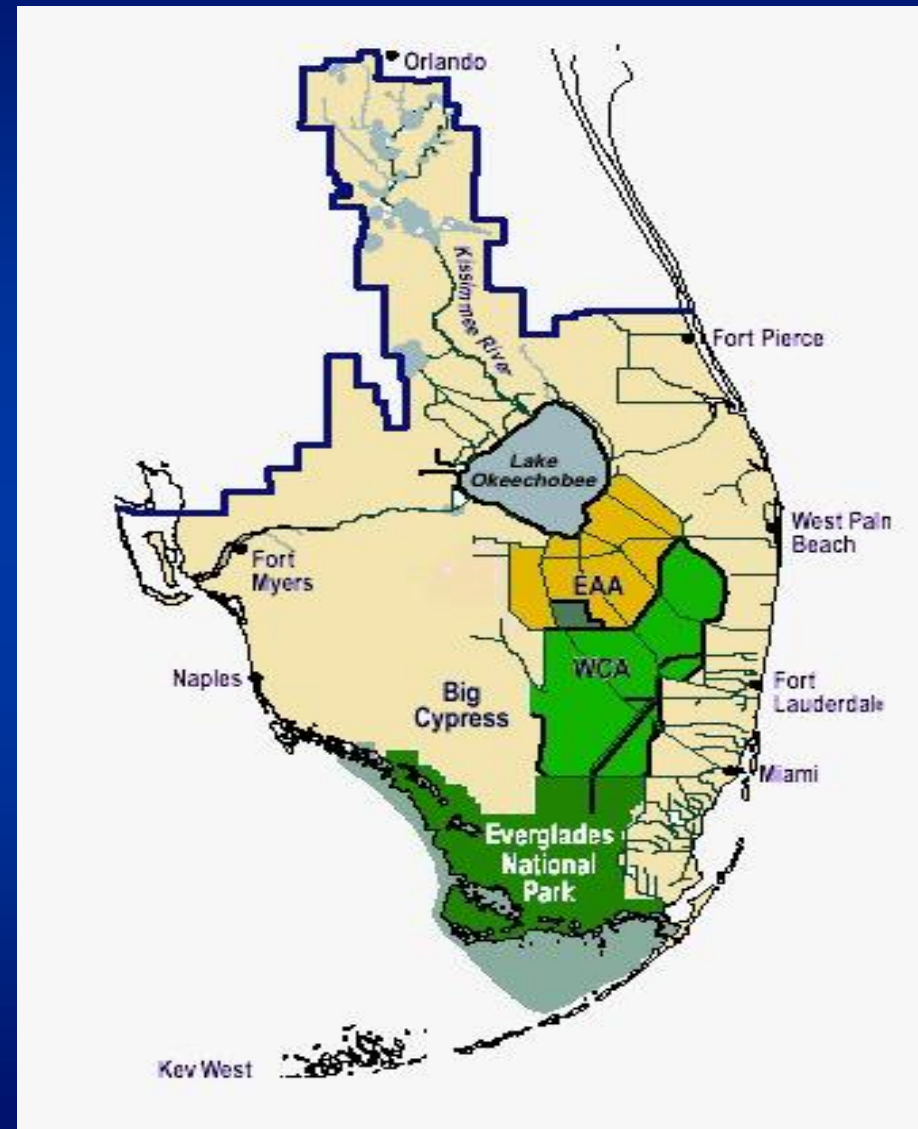
- Flood Control
- Water Supply
 - *Agriculture*
 - *Urban*
 - *Everglades National Park*
- Saltwater Intrusion
- Navigation
- Protection of fish and wildlife



District Geographic Features

Each area provides case studies and concepts for lectures

- *The Upper Chain of Lakes*
- *The Kissimmee River*
- *Lake Okeechobee*
- *The Everglades Agricultural Area*
- *The Water Conservation Areas*
- *Everglades National Park*



South Florida Water Management - *Legal Framework* -

- Learn some concepts and principles for international environmental issues
 - Government layers: Federal, state, local
 - Approaches: Regulation, public works, preservation
 - Goals: Standards, projects, ecosystems
- Legal and regulatory context for environmental management, science and modeling

South Florida Water Management

Objectives of Introductory Lectures

Questions?

Professor Rizzardi stands at the ready with answers!

Next, we look closely at the history of water management