

**COMMITTEE MEETING EXPANDED AGENDA**

**ENVIRONMENTAL PRESERVATION AND CONSERVATION**

**Senator Dean, Chair**

**Senator Simpson, Vice Chair**

**MEETING DATE:** Wednesday, January 21, 2015

**TIME:** 9:00 a.m.—12:00 noon

**PLACE:** *Mallory Horne Committee Room, 37 Senate Office Building*

**MEMBERS:** Senator Dean, Chair; Senator Simpson, Vice Chair; Senators Altman, Evers, Hays, Simmons, Smith, and Soto

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Overview of environmental programs by the Department of Agriculture and Consumer Services, the Department of Environmental Protection and the Fish and Wildlife Conservation Commission		Presented
2	Overview of environmental programs by the South Florida Water Management District and the Southwest Florida Water Management District		Presented
3	Other Related Meeting Documents		

# FDACS Role in Water Resource Protection, Conservation and Planning

**Florida Senate Environmental Preservation  
and Conservation Committee**

**Senator Charlie Dean, Chairman**

**January 21, 2015**

Rich Budell, Director

Office of Agricultural Water Policy



# Florida Agriculture

- \$115B industry, 2.1M jobs, \$13.3B annually in tax revenues
- Agriculture provides net economic benefit to the public
  - For every \$1.00 paid in property tax agriculture only requires \$0.29 in public services
- 300 crops grown commercially
- Occupies over 18 million acres
  - approximately 52% of the state's total land use
- Consists of 47,700 private farms
- Provides for biological diversity, aquifer recharge, flood control, wetland preservation, wildlife habitat

To continue to provide these benefits, agriculture needs sufficient & stable water supply



# Water Resource Protection

## Water Quality BMPs – What are they?

- Practice or combination of practices based on research, field-testing and expert review, to be the most effective and practicable on-location means, including economic and technological considerations, for improving water quality in agricultural and urban discharges
- Nutrient (nitrogen & phosphorus) Management
- Stormwater Management
- Irrigation Management
- Fencing / Buffers near Waterways



# BMPs – What do they look like?



# BMPs – What do they look like?



# BMPs – What do they look like?

Observation Wells



Weather Stations



Soil Moisture Monitoring





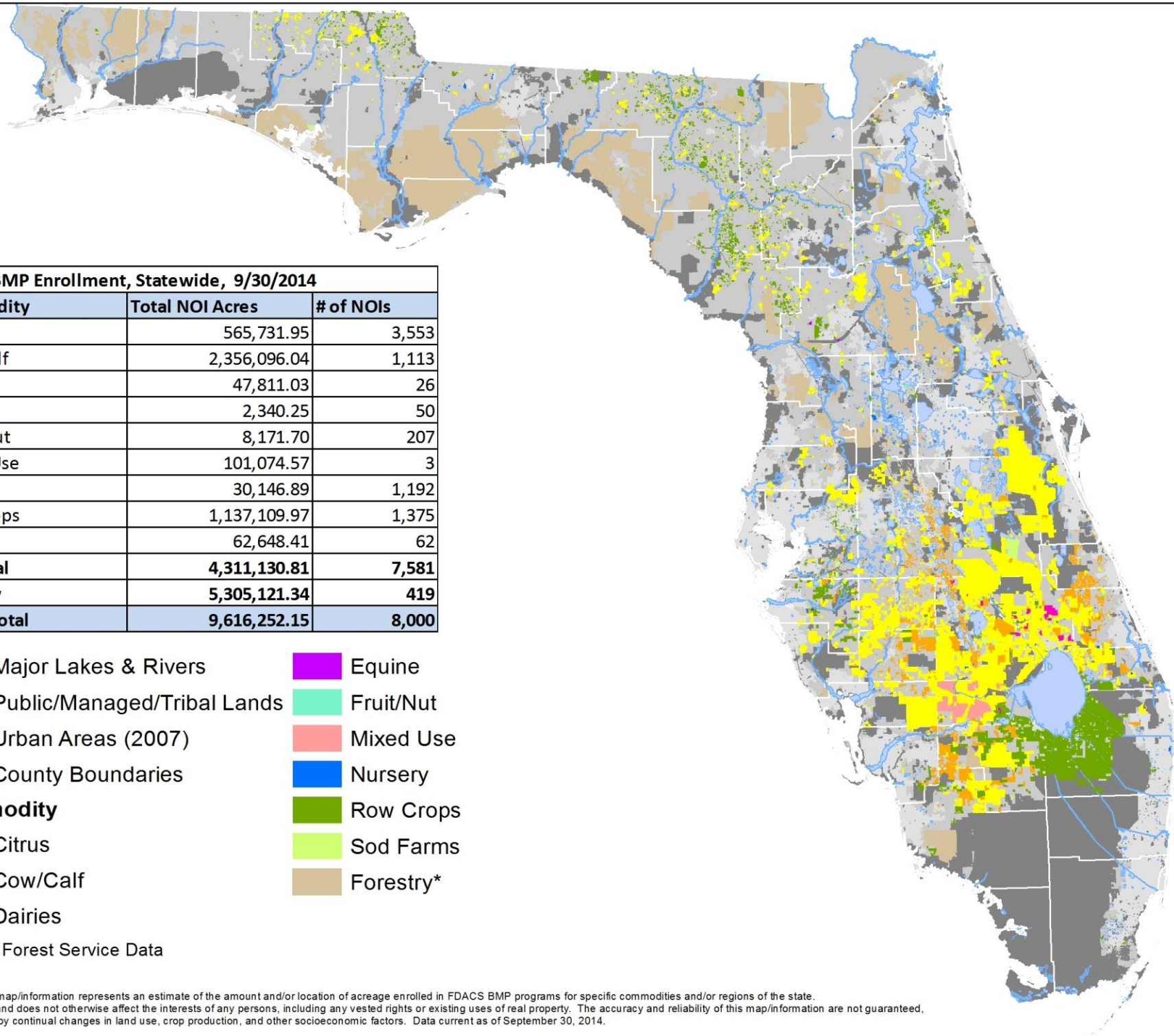
**FDACS BMP Enrollment, Statewide, 9/30/2014**

Commodity	Total NOI Acres	# of NOIs
Citrus	565,731.95	3,553
Cow/Calf	2,356,096.04	1,113
Dairy	47,811.03	26
Equine	2,340.25	50
Fruit/Nut	8,171.70	207
Mixed Use	101,074.57	3
Nursery	30,146.89	1,192
Row Crops	1,137,109.97	1,375
Sod	62,648.41	62
<b>Sub Total</b>	<b>4,311,130.81</b>	<b>7,581</b>
<b>Forestry</b>	<b>5,305,121.34</b>	<b>419</b>
<b>Grand Total</b>	<b>9,616,252.15</b>	<b>8,000</b>

-  Major Lakes & Rivers
-  Public/Managed/Tribal Lands
-  Urban Areas (2007)
-  County Boundaries
- Commodity**
-  Citrus
-  Cow/Calf
-  Dairies
-  Equine
-  Fruit/Nut
-  Mixed Use
-  Nursery
-  Row Crops
-  Sod Farms
-  Forestry\*

\* Florida Forest Service Data

Disclaimer: This map/information represents an estimate of the amount and/or location of acreage enrolled in FDACS BMP programs for specific commodities and/or regions of the state. It is not binding, and does not otherwise affect the interests of any persons, including any vested rights or existing uses of real property. The accuracy and reliability of this map/information are not guaranteed, and are affected by continual changes in land use, crop production, and other socioeconomic factors. Data current as of September 30, 2014.
















# Water Resource Conservation

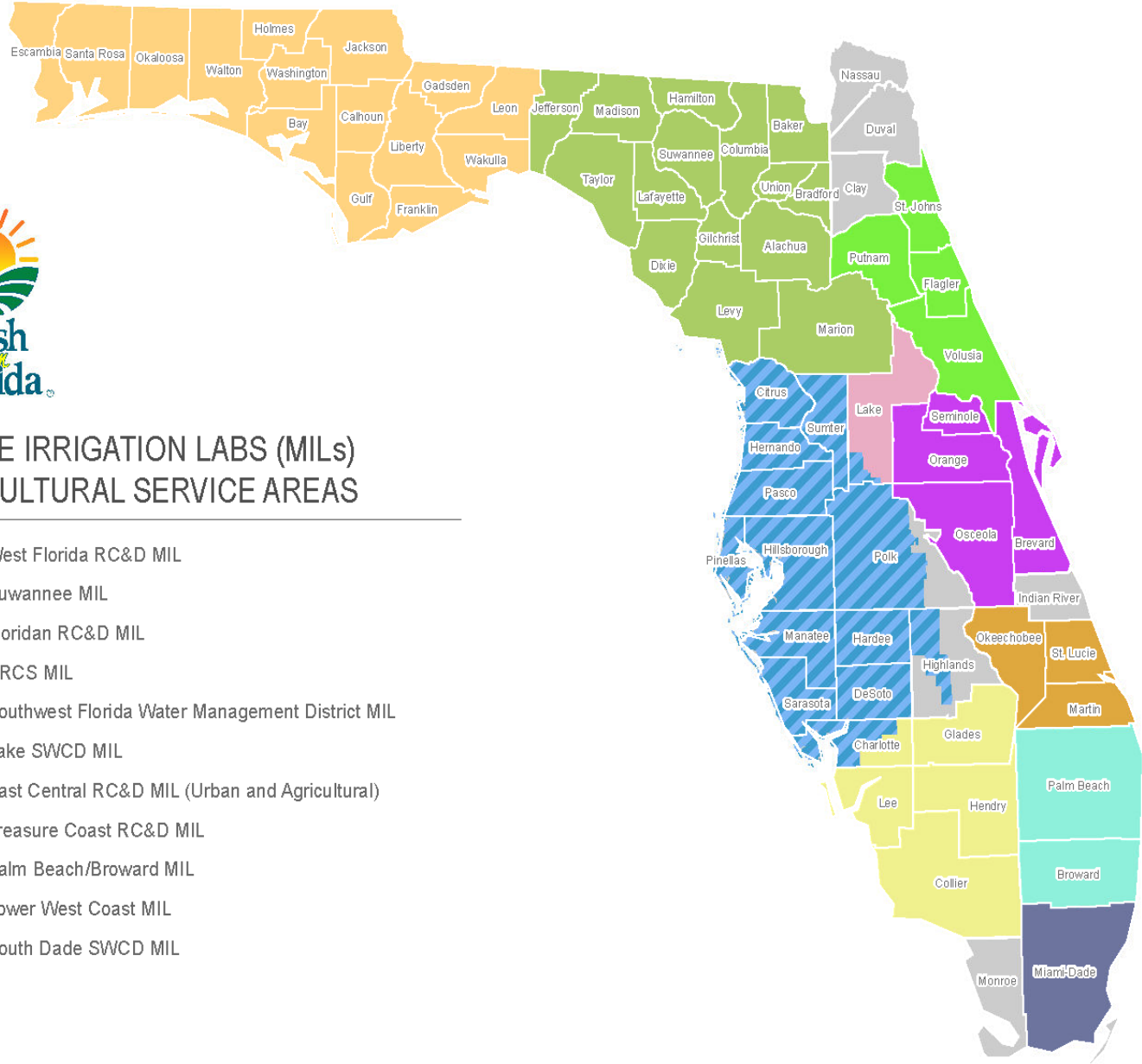
- Agriculture is second largest user of fresh water in Florida
- Access to adequate quantities of fresh water is critical
- Commitment to conservation/efficiency (Mobile Irrigation Laboratories)
- In partnership with water management districts to develop alternative water supply projects
- Participate with stakeholders to develop innovative water storage programs on private lands
- Preserving agricultural lands is critical for water storage and treatment, ground water recharge, and wildlife corridors





## MOBILE IRRIGATION LABS (MILs) AGRICULTURAL SERVICE AREAS

-  West Florida RC&D MIL
-  Suwannee MIL
-  Floridan RC&D MIL
-  NRCS MIL
-  Southwest Florida Water Management District MIL
-  Lake SWCD MIL
-  East Central RC&D MIL (Urban and Agricultural)
-  Treasure Coast RC&D MIL
-  Palm Beach/Broward MIL
-  Lower West Coast MIL
-  South Dade SWCD MIL



June 2012









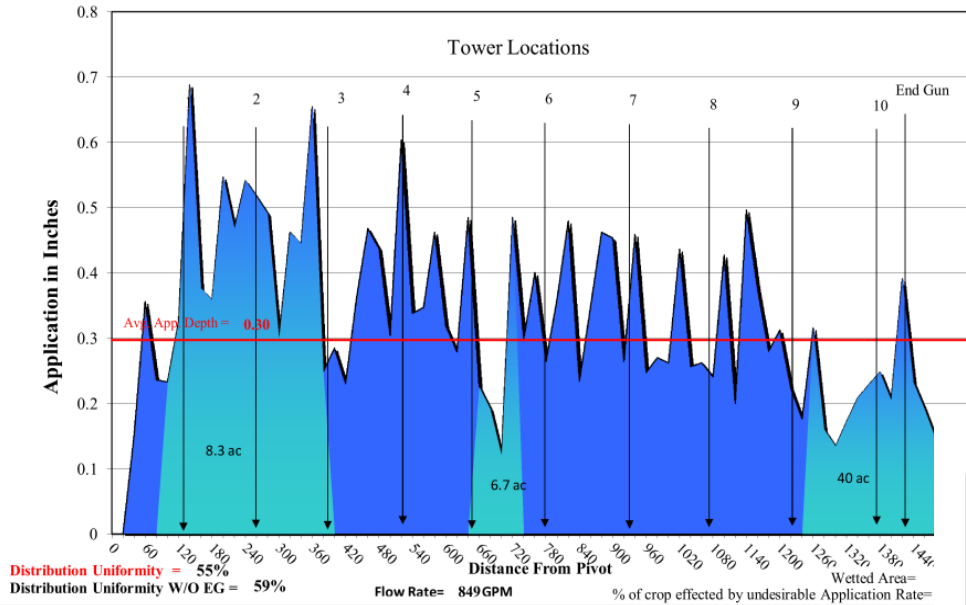
### Radford Farms Left Side

Resource Conservation Partners  
P.O. Box 961, 1303 Riverside Dr.,  
Steinhatchee, FL 32359  
(386)-209-5301

#### Application Uniformity

Ver. 5.3.2

As of: March 9, 2012



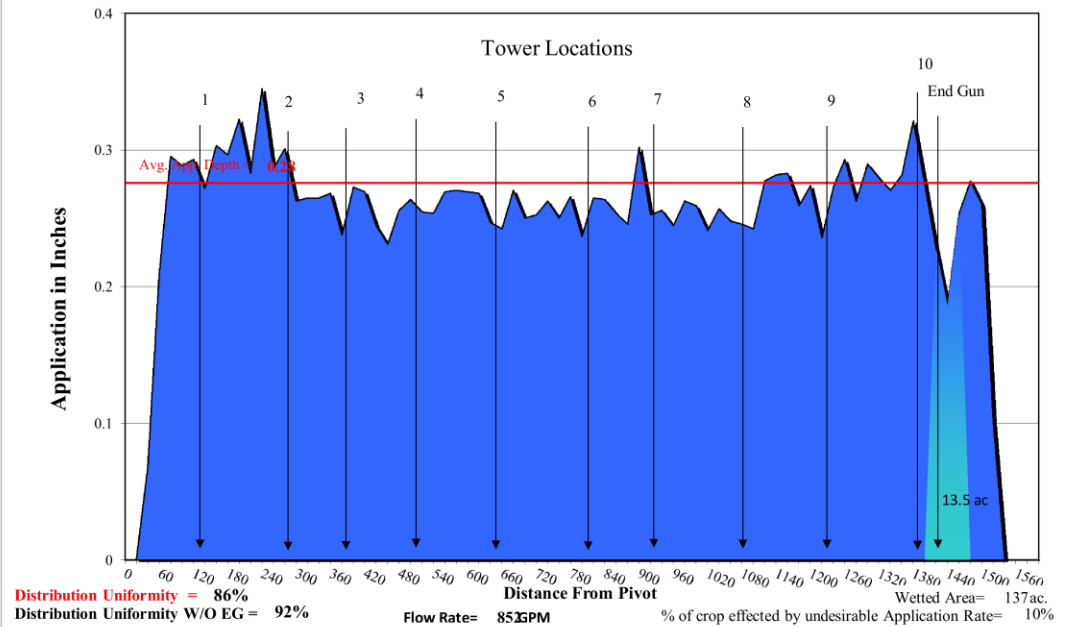
### Radford Farms Left Side

Resource Conservation Partners  
P.O. Box 961, 1303 Riverside Dr.,  
Steinhatchee, FL 32359  
(386)-209-5301

#### Application Uniformity

Ver. 5.4.4

As of: June 19, 2012



# Water Resource Conservation

- Conducted nearly 7500 system evaluations
- Covering 300,000 acres
- Documented conservation of nearly 32 mgd
- Estimated conservation of over 60 mgd



# Agricultural Water Supply Planning

- Agricultural irrigation returns 40 to 50 % of pumped water to surface water or aquifer
- 85% of water used is for food production
- Water use estimates decreased by 8% between 2005 and 2010
  - During the same time period, production has increased
- Tapped into alternative water supplies
  - Storm water and irrigation capture and reuse
  - Use of reclaimed water
- Commitment to efficient use
  - Mobile Irrigation Laboratory evaluations
  - Technology upgrades



# Agricultural Water Supply Planning

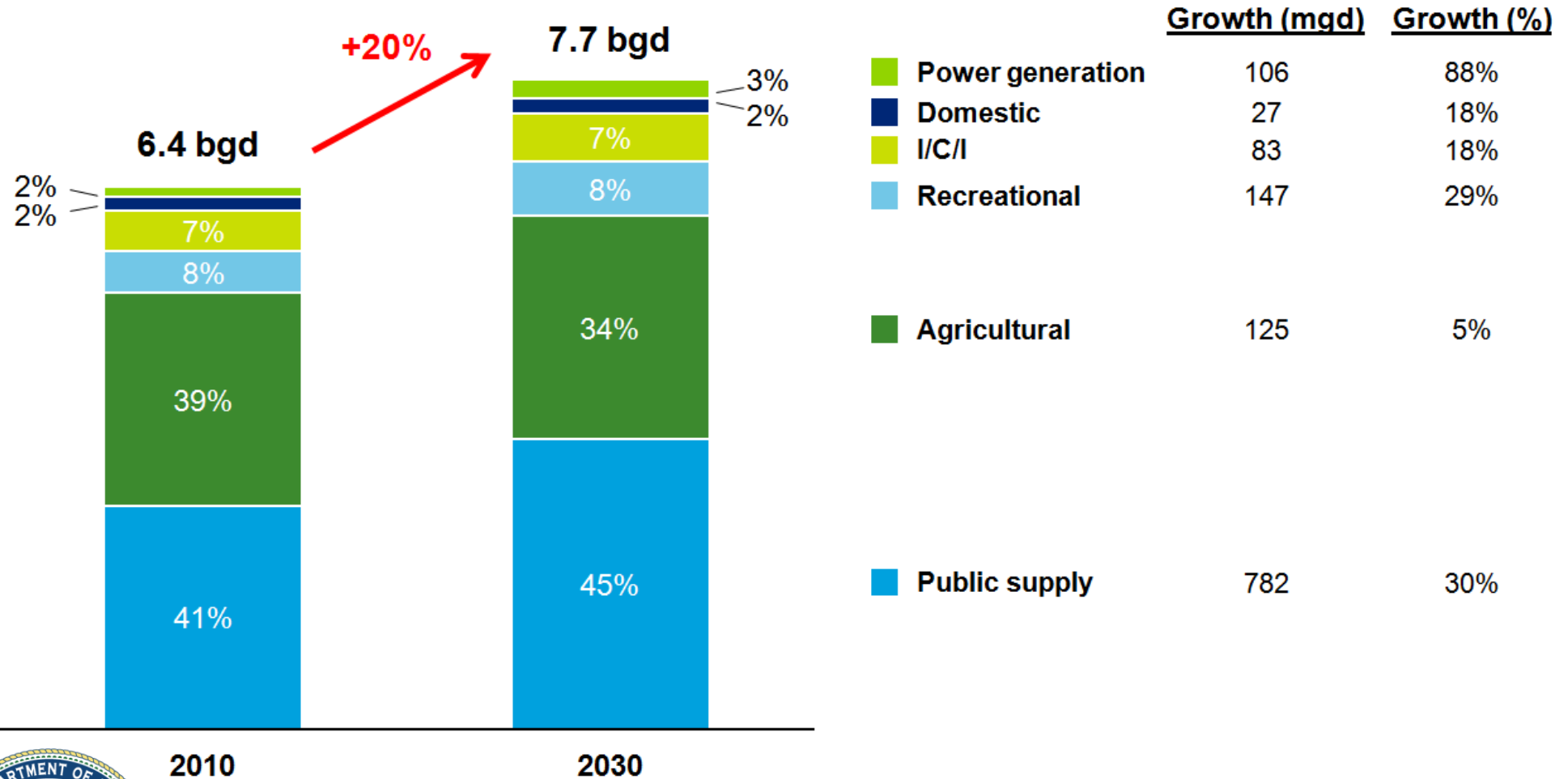
- Agriculture is a “self-supplier” of water and cannot pass on the cost of wells, pumps etc.
- In 2010, domestic supply overtook agriculture as the largest water user
- By 2030 domestic supply demand will increase by 30% - agricultural supply demand will increase by only 5%
- Competition issues
  - Dover/Plant City
  - Central Florida Water Initiative
  - Lake Okeechobee
  - North Florida Regional Water Supply Partnership





# Projected water demand expected to increase 20%

Projected 2010 vs. 2030 Florida Water Demand



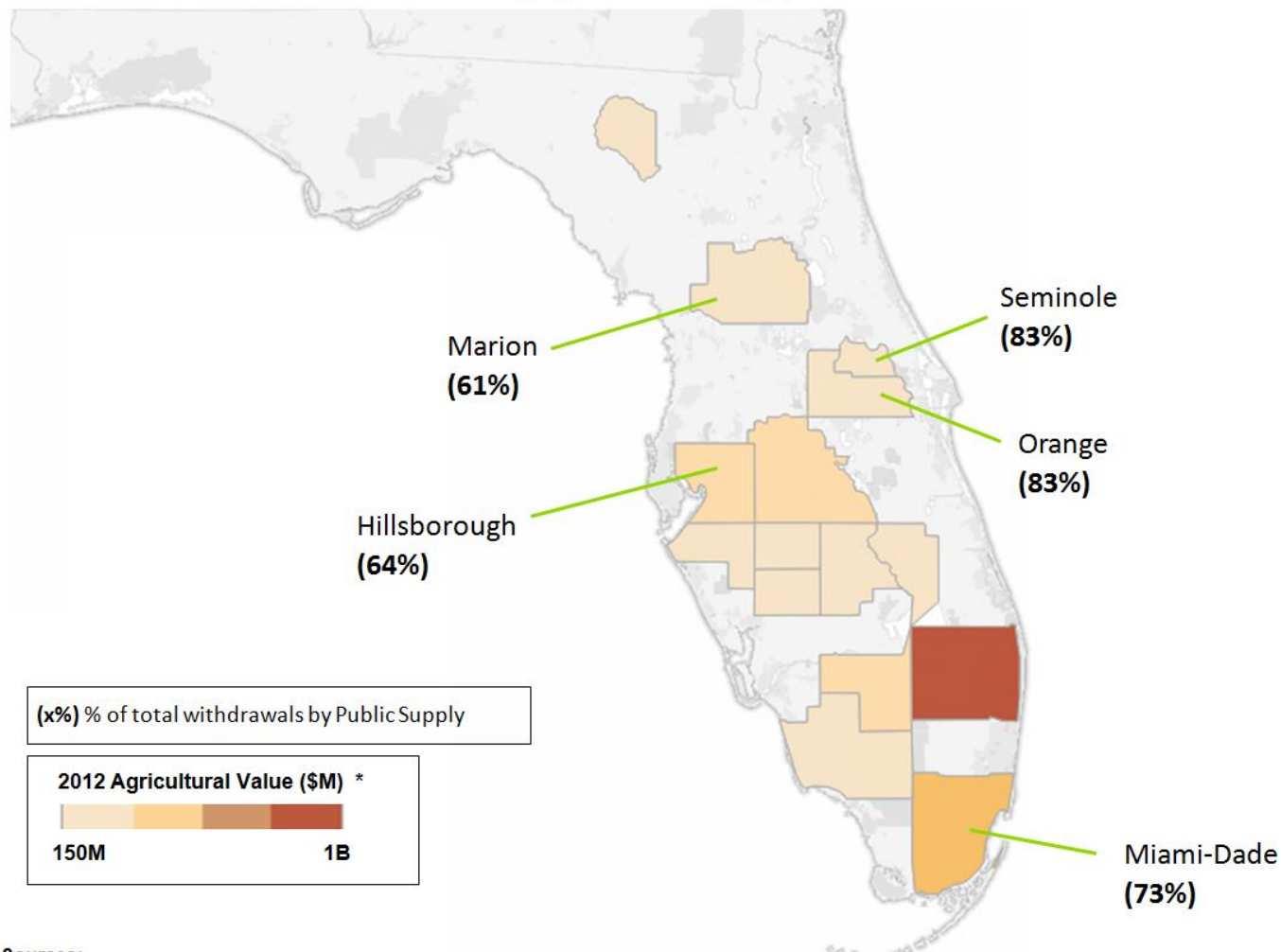
Source: Water demand: 2010 demand estimates and 2030 demand projections obtained from Florida Water Management Districts (WMDs).

# Top producing agricultural counties compete for water

## Key Observations

- 5 of the top 15 agricultural producing counties face potential competition for water from public supply
- Demand from public supply in these counties averages over 60% of water demand compared to the overall public supply average of 41%

2012 Top 15 Counties by Agricultural Value (\$)



### Sources:

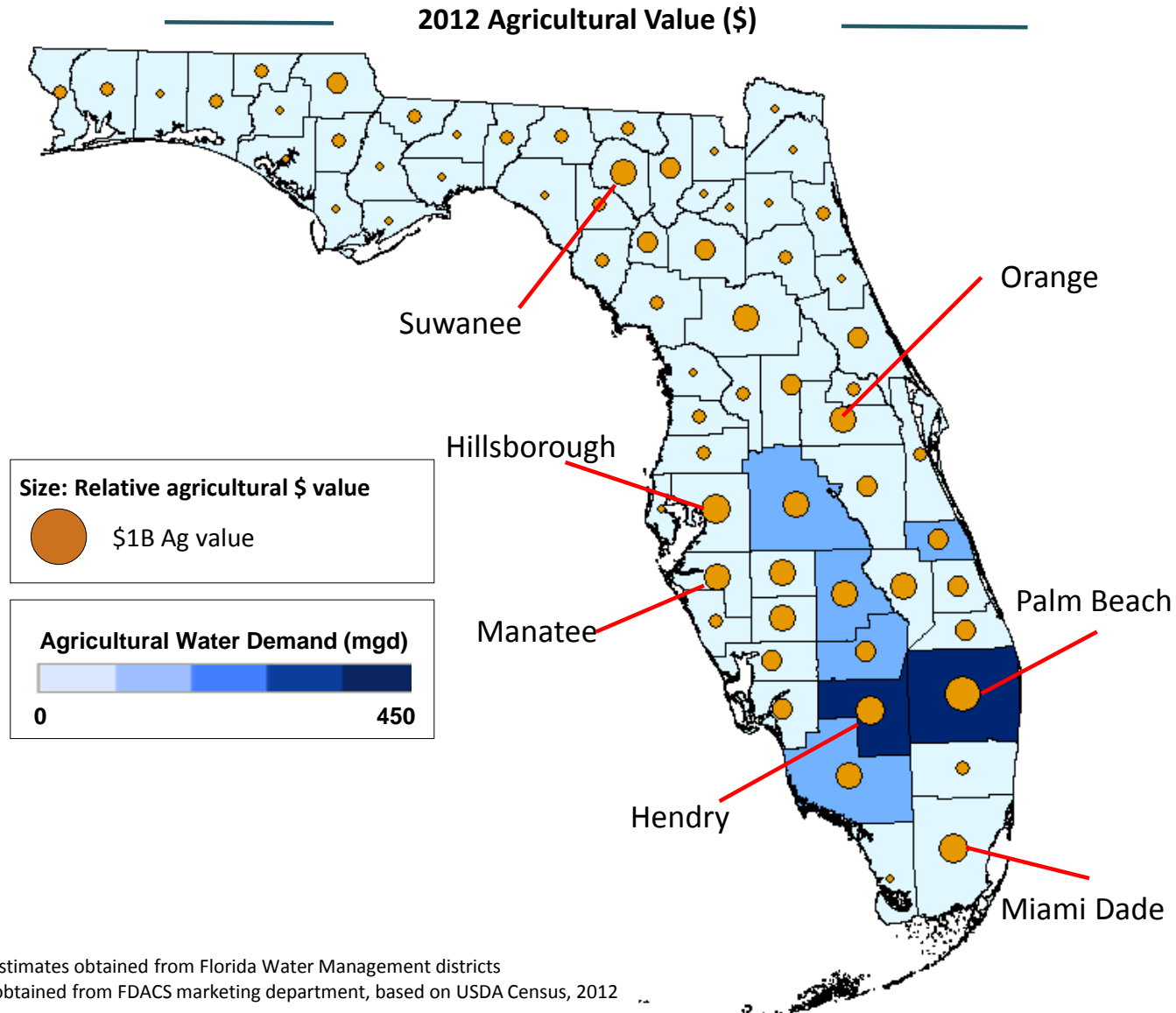
- Water demand: 2010 demand estimates obtained from Florida Water Management districts
- Agricultural \$ value: 2012 data obtained from FDACS marketing department, based on USDA Census, 2012



# Agricultural value (\$) & water demand aren't always related

## Key Observations

- 98% of Hendry county water goes towards agriculture
- 57% of Palm Beach county water goes towards agriculture



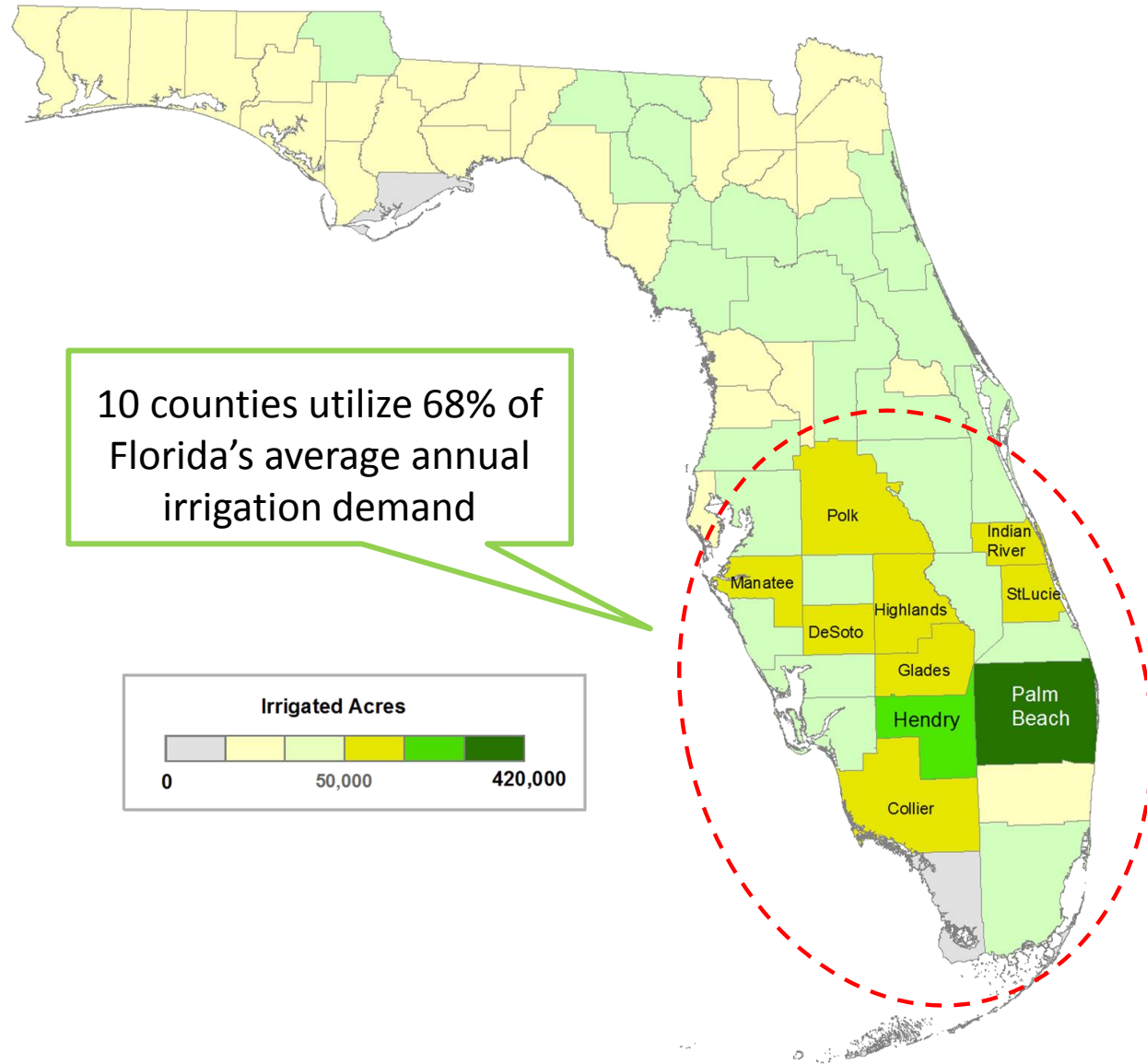
### Sources:

- Water demand: 2010 demand estimates obtained from Florida Water Management districts
- Agricultural \$ value: 2012 data obtained from FDACS marketing department, based on USDA Census, 2012



# Irrigated Agricultural Acreage by County

2010 Florida Irrigated Acreage



## Key Observations

- The top 2 counties in agricultural water demand, Palm Beach and Hendry, use 39% of the total average annual irrigation demand
- Palm Beach: 419,000+ ac, 721 mgd
- Hendry: 194,000+ ac, 294 mgd



# Why do we plan for water supply?

s. 373.705(2)(a) F.S. (1997)

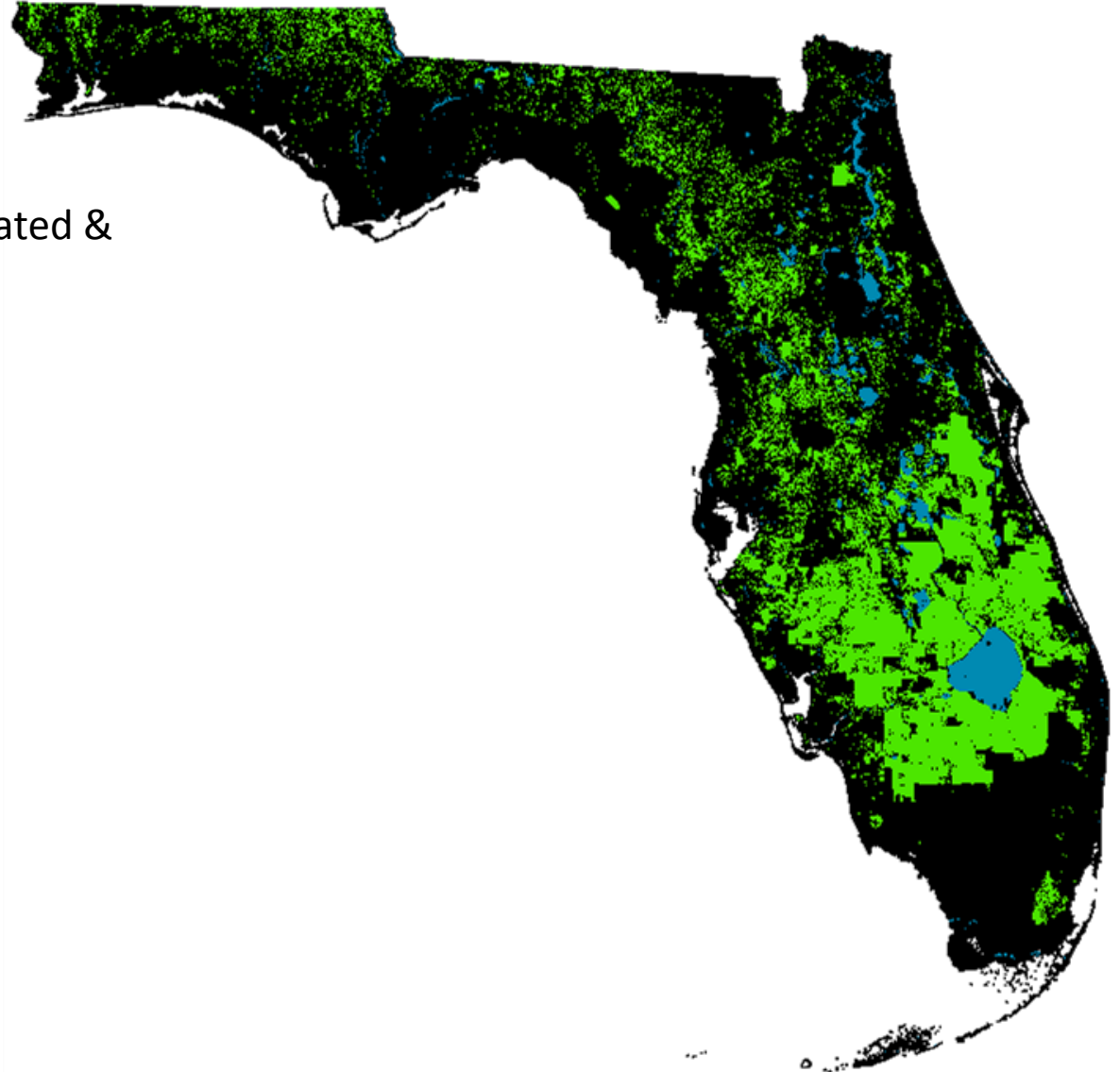
It is the intent of the Legislature that:

“Sufficient water be available for all existing and future reasonable – beneficial uses and the natural system, and that the adverse effects of competition for water supplies be avoided.”



# Agricultural Acreage in Florida

2010 Florida Agricultural Acreage



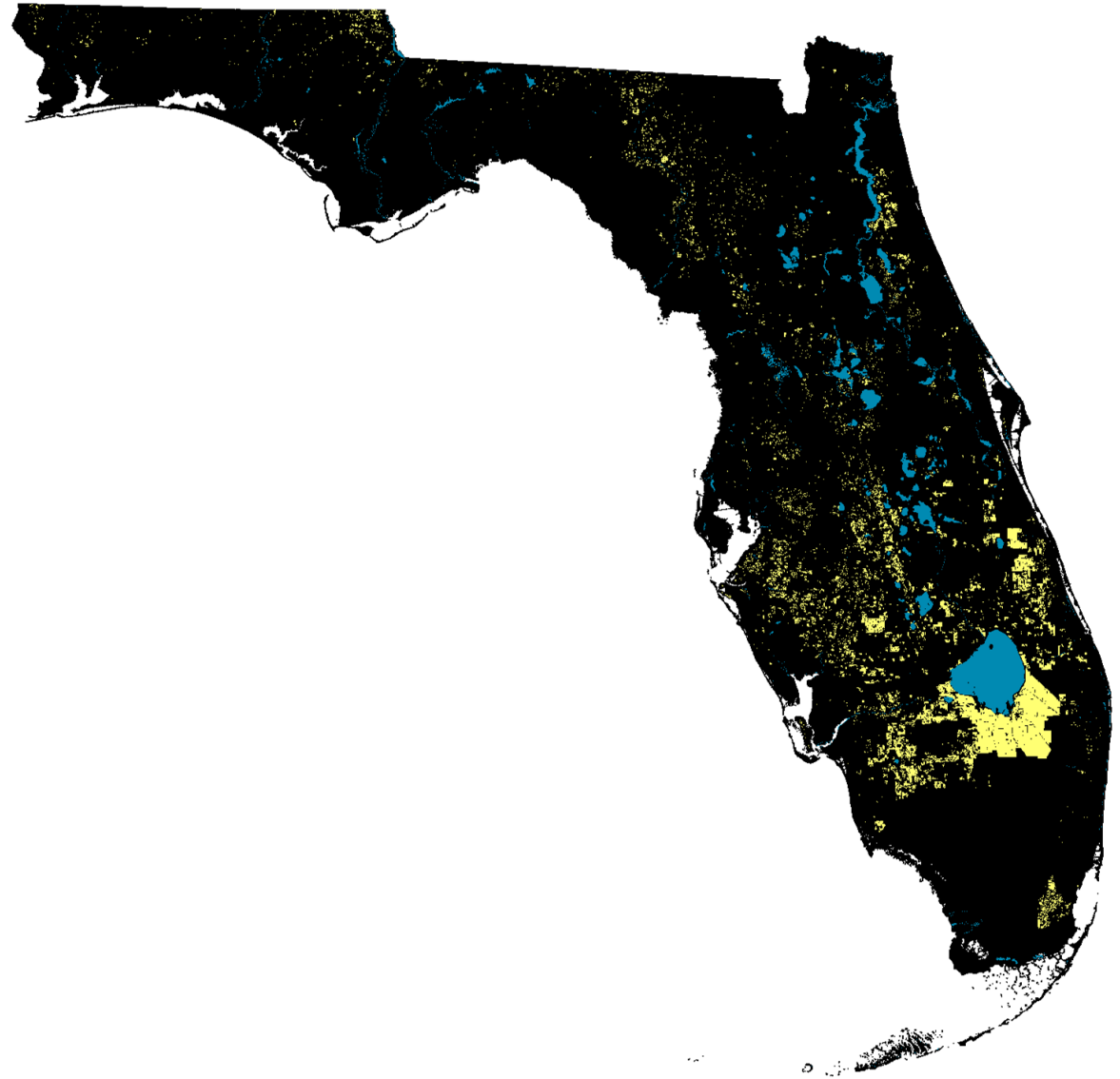
## *Key Observations*

- 2010 Statewide agricultural acreage (irrigated & non-irrigated lands) is 8,613,770 acres



# Irrigated Agricultural Acreage in Florida

2010 Florida Agricultural Acreage



## *Key Observations*

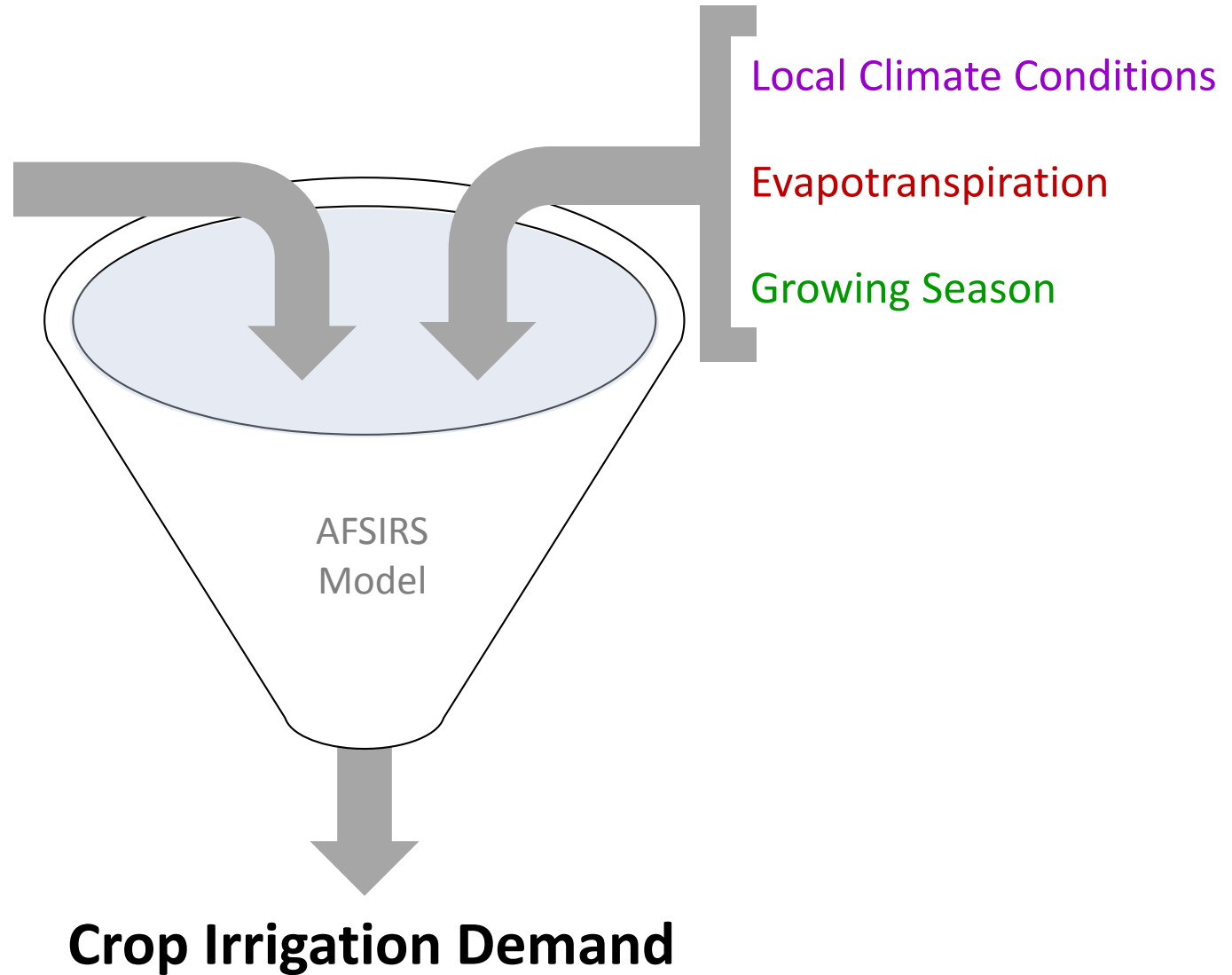
- In 2010, there were 1,738,961 acres of irrigated Ag lands in Florida
- Less than 20% of all agricultural lands are irrigated



# Calculating Crop Irrigation Demand

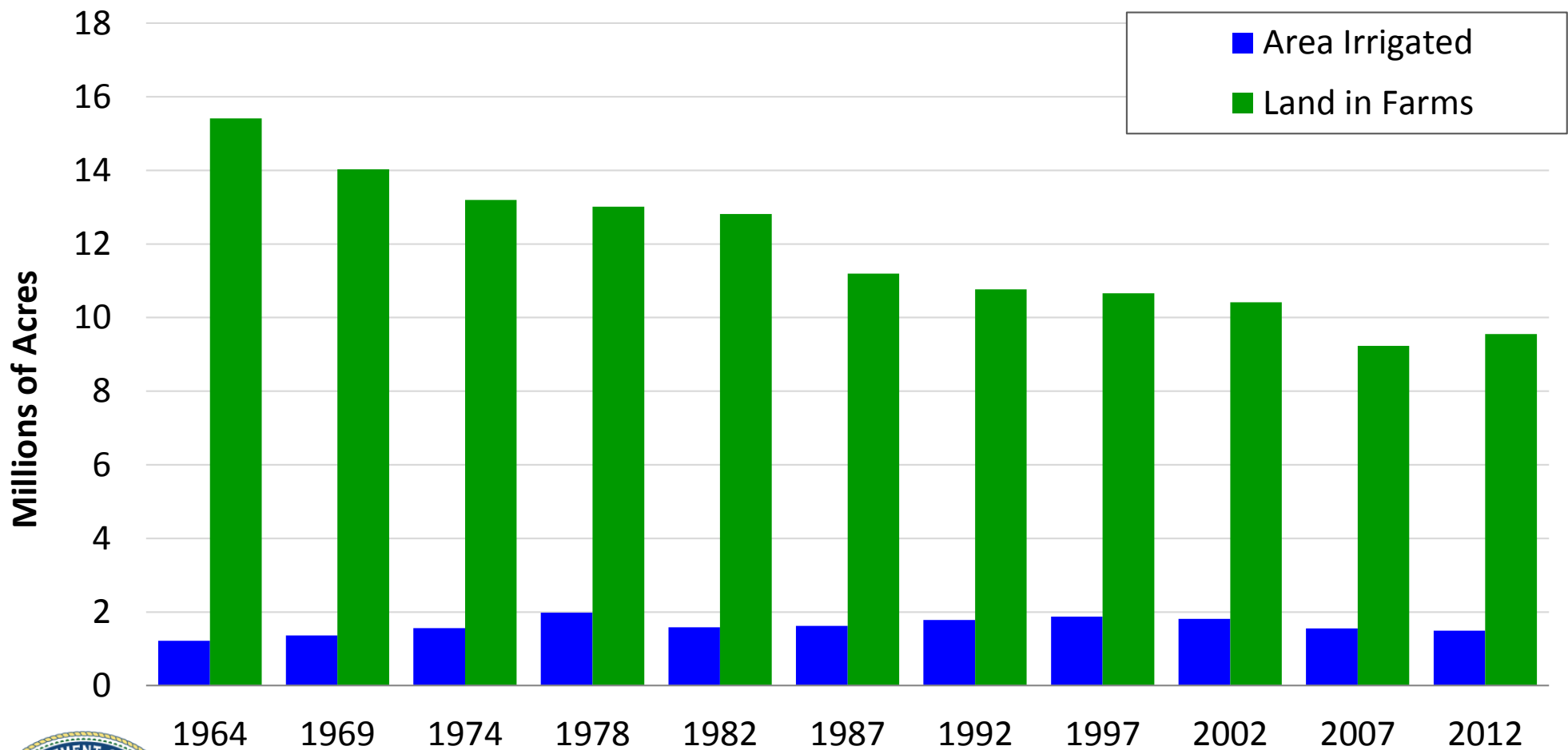
## Irrigated Lands Geodatabase

- Crop Type
- Irrigation System Type
- Soil Type
- Water Table Depth





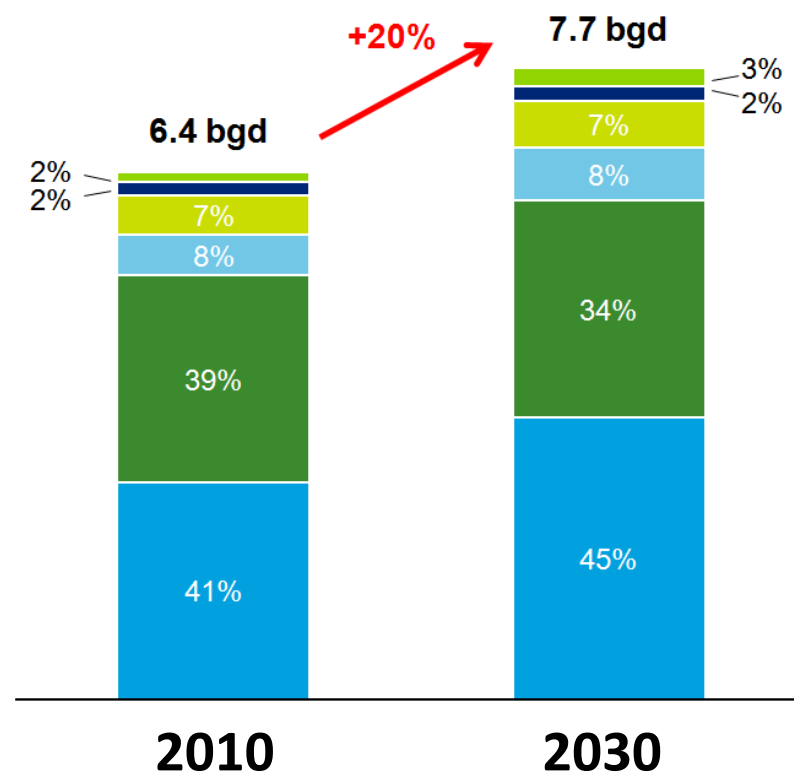
# Historical Land in Farms & Irrigated Acreage



Sources:  
1997 and 2012 National Ag Census— State Data – Florida

# Meeting Florida's Growing Water Demands

- Will require a variety of alternative water supply projects, resource optimization strategies, and conservation measures.
- Irrigated agricultural lands geodatabase will ensure future agricultural demand estimates are as precise as possible.



# Agricultural Water Supply Challenges

- Diversity of Florida agriculture
- Changing economic conditions
- Climate events (droughts, storms)
- Pests and diseases
- Changing markets and consumer preferences
- Projected population growth from 7 to 9 billion by 2050
- Food production will have to increase 70%



# Questions?

Rich Budell

850-617-1704

[Rich.Budell@FreshFromFlorida.com](mailto:Rich.Budell@FreshFromFlorida.com)



# Florida Department of Environmental Protection



## Agency Overview

**Senate Environmental Preservation and Conservation Committee  
January 21, 2015**

**Lennie Zeiler, Chief of Staff**



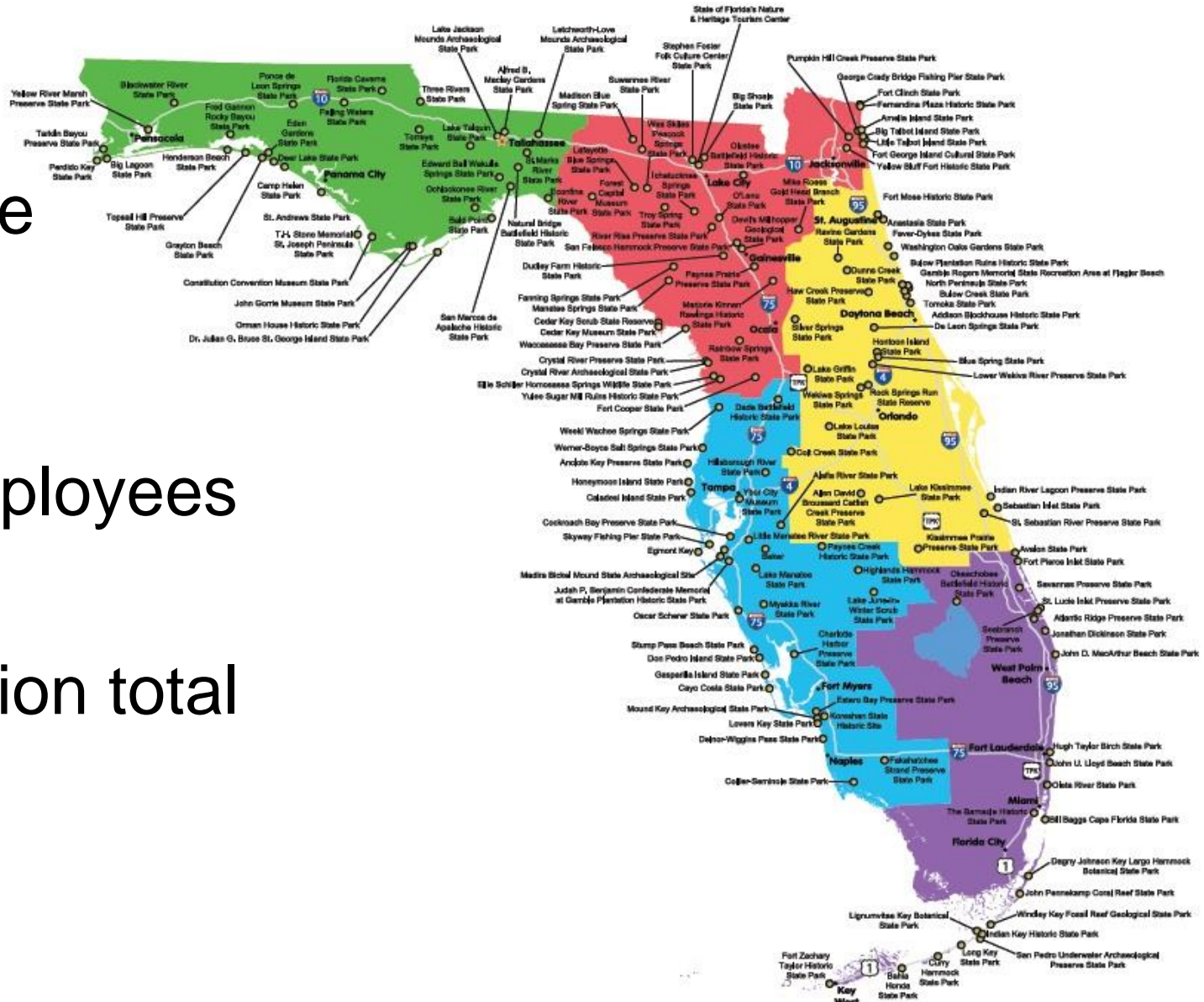
# Overview

DEP, the lead agency for environmental management and stewardship, is one of the more diverse agencies in state government - protecting our air, water and land.



# Staffing and Budget

- 3,095 full time employees
- 853 OPS employees
- \$1,564.7 million total budget





# Primary Program Areas

**DEP is divided into three primary areas:**

- **Regulatory Programs**

*Paula Cobb, Deputy Secretary*

- **Water Policy and Ecosystem Restoration**

*Drew Bartlett, Deputy Secretary*

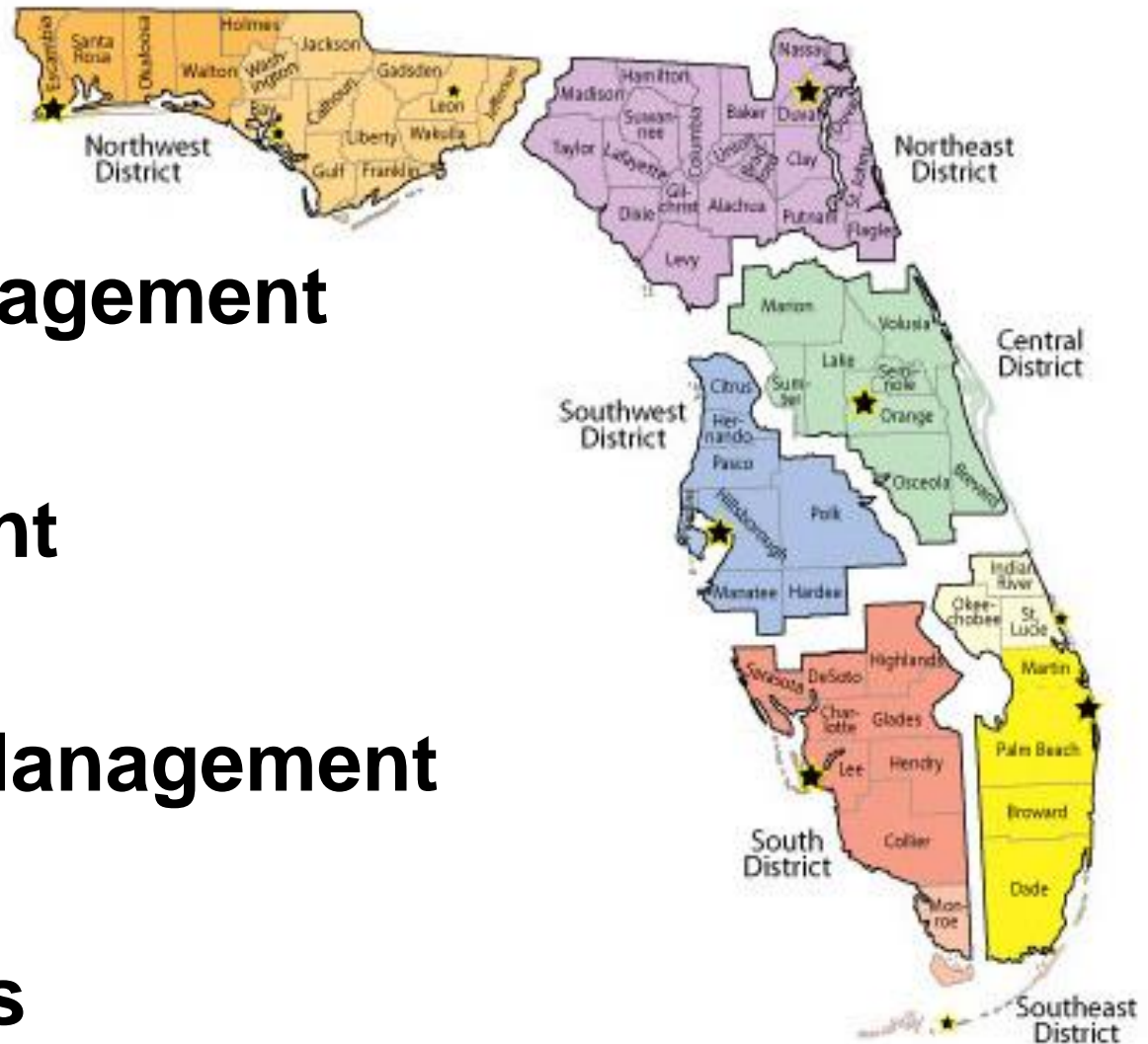
- **Land and Recreation**

*Joe Chapman, Acting Deputy Secretary*



# Regulatory Programs

- **Air Resource Management**
- **Waste Management**
- **Water Resource Management**
- **Six District Offices**





# Regulatory Programs

- **Number of Facilities and Sites Currently Regulated: 81,018**
- **Regulatory Permits/Authorizations Processed in FY 2013-14: 46,136**





# Water Policy & Ecosystem Restoration

- **Environmental Assessment and Restoration**
- **Water Policy**
- **Ecosystem Projects**
- **Florida Coastal Office**





# Land and Recreation

- **Recreation and Parks**
- **State Lands**
- **Cabinet Affairs**





# Land Management

**State Conservation Lands:** 4,868,221 acres

Florida Forest Service: 1,062,033 acres

DEP: 727,363 acres

FWC: 1,423,535 acres

Babcock Ranch: 73,239 acres

Department of Corrections: 18,200 acres

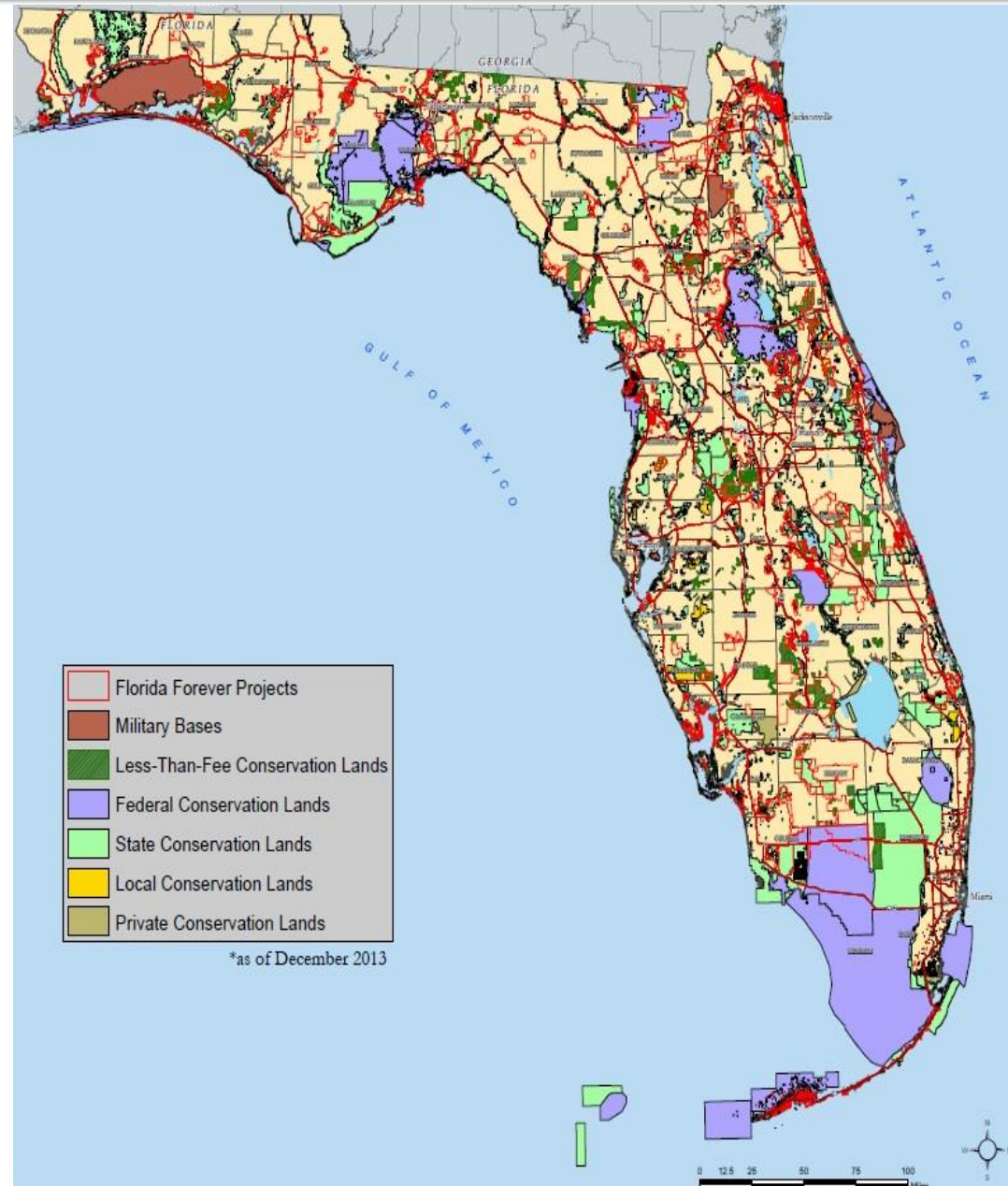
Department of Military Affairs: 73,974 acres

Department of Management Services: 83 acres

State Universities: 14,306 acres

Water Management Districts: 1,470,861 acres

Undesignated: 4,627 acres





# Land Management Agencies

- **DEP**
  - Division of Recreation & Parks
  - Florida Coastal Office
  - Division of State Lands
- **Florida Forest Service**
- **Florida Fish and Wildlife Conservation Commission**
- **Department of State**
  - Division of Historical Resources
- **Water Management Districts**





# Acreages and Units Managed

Agency	Acreage	Units
Division of State Lands (DEP)	--	--
Division of Rec & Parks (DEP)	672,168	171
Florida Coastal Office (DEP)	49,485	3
Florida Forest Service (DACCS)	1,062,033	35
Division of Historical Resources (DOS)	97	7
Florida Fish and Wildlife Conservation Commission	1,423,535	54
<b>TOTAL</b>	<b>3,207,318</b>	<b>270</b>



# Acreage Managed - WMD

<b>Water Management District</b>	<b>Acreage <i>Upland &amp; Submerged</i></b>
Northwest Florida	224,269
Suwannee River	267,341
St. Johns	547,464
Southwest Florida	346,329
South Florida	499,486
<b>TOTAL</b>	<b>1,884,889</b>



# Land Management Plans

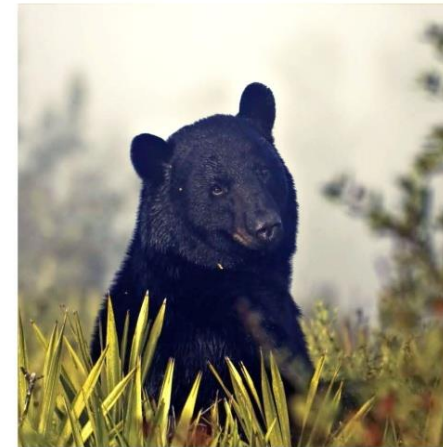
- **Land Manager Determined**
  - Prior to acquisition
  - Management Prospectus prepared
- **Development**
  - Advisory Group for areas larger than 160 acres
- **Plan Review**
  - Presented to Acquisition and Restoration Council
- **Land Management Reviews**
  - Conducted every 5 years for areas greater than 1,000 acres
- **Update**
  - Every 10 years or when uses change substantially or lands are added

## TEN-YEAR RESOURCE MANAGEMENT PLAN

FOR THE

### SEMINOLE STATE FOREST

LAKE COUNTY



PREPARED BY

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

FLORIDA FOREST SERVICE

APPROVED ON

DECEMBER 9, 2011



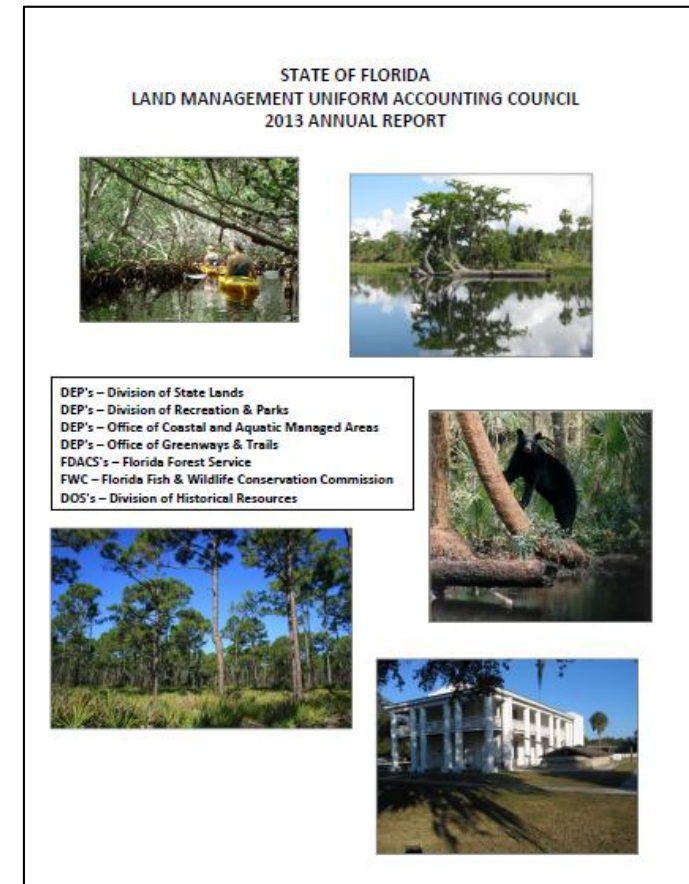
# Land Management Uniform Accounting Council

## • Members:

- Florida Forest Service (DACs)
- Division of State Lands (DEP)
- Division of Recreation and Parks (DEP)
- Florida Coastal Office (DEP)
- Office of Greenways and Trails (DEP)
- Division of Historical Resources (DOS)
- Florida Fish and Wildlife Conservation Commission

## • Responsibilities:

- Creates uniformed accounting for land management expenses:
  - Resource Management
  - Administration
  - Support
  - Capital Improvements
  - Visitor Services/Recreation
  - Law Enforcement
- Recommends funding allocation for CARL land management funding.





# Contact Information

**Lennie Zeiler**

**Chief of Staff**

Florida Department of Environmental Protection

[Lennie.Zeiler@dep.state.fl.us](mailto:Lennie.Zeiler@dep.state.fl.us)

(850) 245-2011

# Senate Environmental Preservation and Conservation Committee

## Fish and Wildlife Conservation Commission's Environmental Programs



Nick Wiley, Executive Director  
Fish and Wildlife Conservation Commission  
January 21, 2015

# FWC Mission

Managing fish and wildlife resources for their long-term well-being and the benefit of the people



# Land Management

- Manage wildlife habitat on public lands
  - 1.4 million acres as lead manager
    - 54 properties
    - \$18.67 per acre to manage
  - 4.4 million acres as co-manager
    - 93 properties
    - \$6.85 per acre to manage



# Invasive Species Management

- Manage invasive plants on conservation lands and in public water bodies
- Minimize the impacts of nonnative species on fish and wildlife resources



# Land/Wildlife/Fisheries Management

- Monitor the status and needs of key species and prioritize management actions accordingly
- Develop management plans for sustainable harvest with public input for fish and wildlife species
- Develop and implement imperiled species management plans





# Lake Restoration

- Manage and restore fisheries habitat on public waterbodies
- Partner with local governments to enhance public access to lakes, rivers, and man-made waters
- Contract with business to perform much of the work
- Implement fish management projects including stocking fish



# Outdoor Recreation

Provide recreational access on public lands

- Hunting
- Fishing
- Boating
- Hiking
- Camping
- Wildlife Viewing
- Biking
- Equestrian
- Paddling
- Photography



# Marine Fisheries

- Coordinate management of saltwater fish species with public input for sustainable harvest
- Coordinate Federal fisheries issues
- Work with recreational and commercial fishing interests
- Coordinate Florida's artificial reef program
- Coordinate Florida's abandoned trap retrieval program



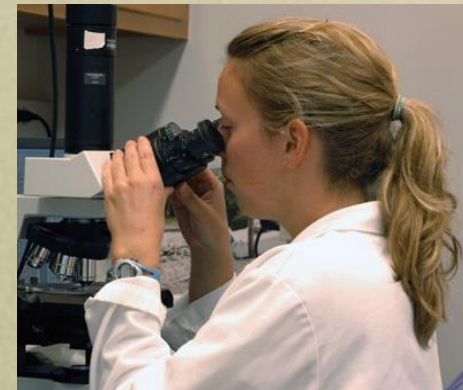
# Research

- Collect harvest and biological information on wildlife, freshwater fisheries, and saltwater fisheries
- Conduct assessments of terrestrial, saltwater, freshwater, and imperiled species
- Provide research information to resource managers and FWC Commissioners who determine management strategies



# Research

- Monitor red tides and other harmful algal blooms
- Provide technical support for natural resource catastrophes including oil spills and natural disasters
- Collaborate with federal, state, local governments, universities, non-governmental organizations



# Law Enforcement

Natural resource conservation enforcement for:

- Wildlife, freshwater fisheries, and saltwater fisheries
- State lands patrol, including wildlife management areas, state parks, state forests, and state/federal waters
- Environmental crimes, including illegal storage/transport of hazardous materials, illegal dumping of chemicals
- Captive wildlife, including exhibition and sale of wildlife and the wildlife pet industry
- Boating and waterway management



# Questions?





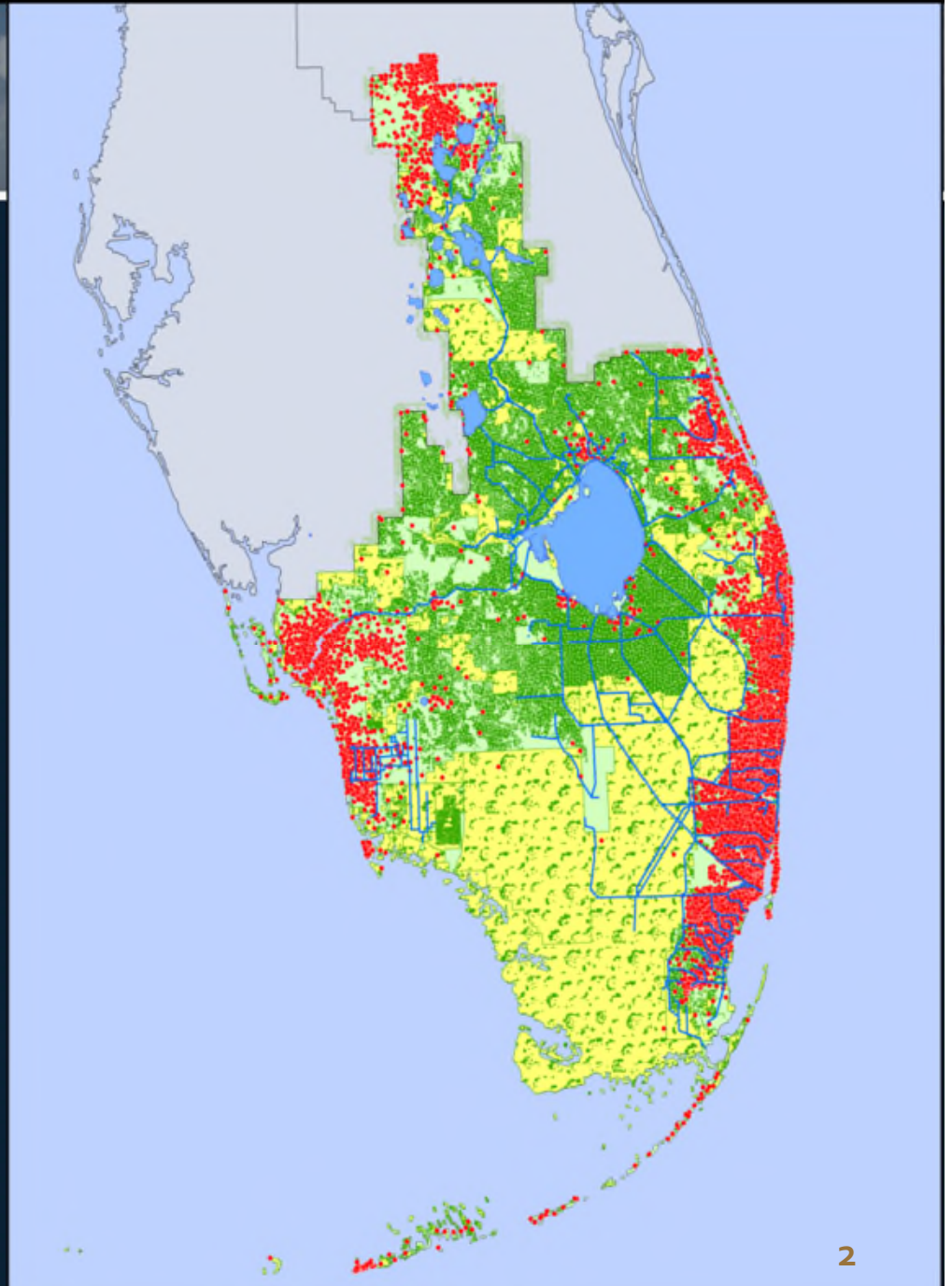
# South Florida Projects and Priorities

Blake Guillory, PE, Executive Director,  
South Florida Water Management District



## South Florida At-A-Glance

- 18,000 square miles
- 16 Counties
- Primary flood control and water management system
- 8.1 million residents
- 3+ million acres of agriculture
- Vast protected natural areas





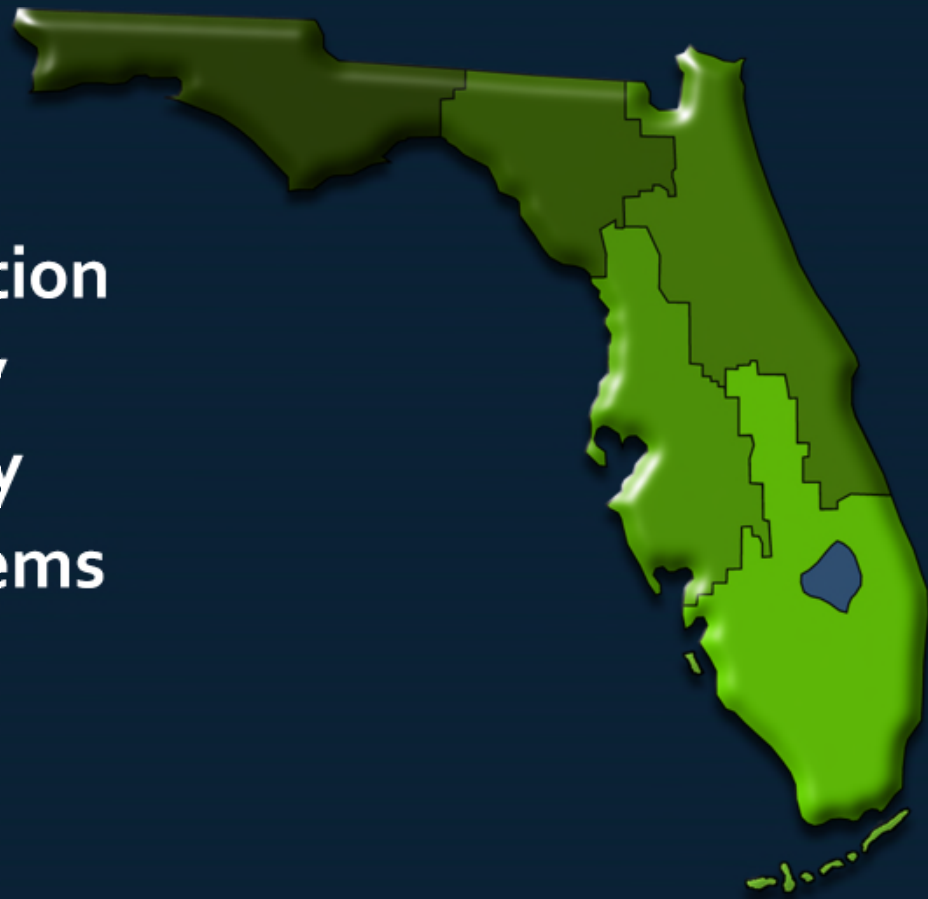
TENTATIVE  
REPORT  
OF  
FLOOD  
DAMAGE

FLORIDA  
EVERGLADES  
DRAINAGE  
DISTRICT

1947

# Water Management Districts Created by Legislature to Protect State Resources

- **Core Mission**
  - ✓ Flood Protection
  - ✓ Water Supply
  - ✓ Water Quality
  - ✓ Natural Systems

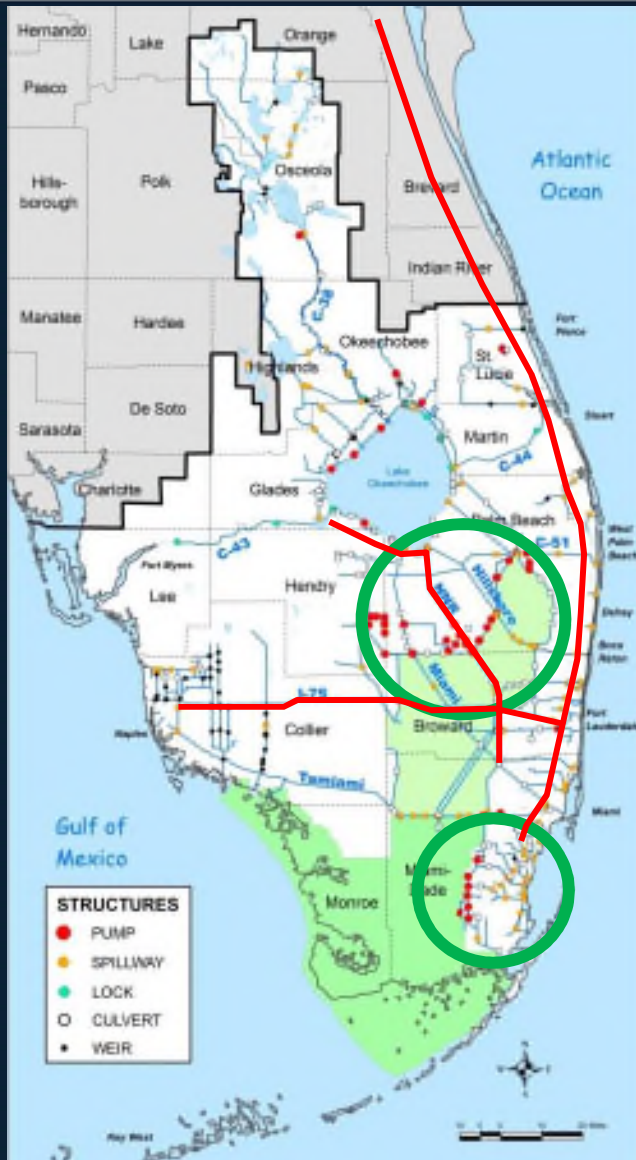


## Core Mission – Flood Control Operations, Maintenance & Construction

- Operate & maintain multi-purpose system
  - ~ 4,800 miles of canals/levees
  - 600+ structures; 625+ culverts
  - 70 pump stations
  - 1.5 million acres of land
- Key Initiatives:
  - Maximize operations and storage
  - Capital refurbishment plan
  - OMC 2.0 – New Facilities



# O&M 2.0 – Efficiency Modifications



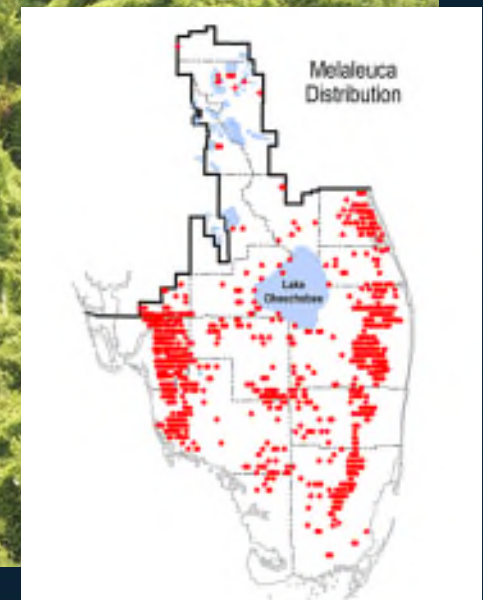
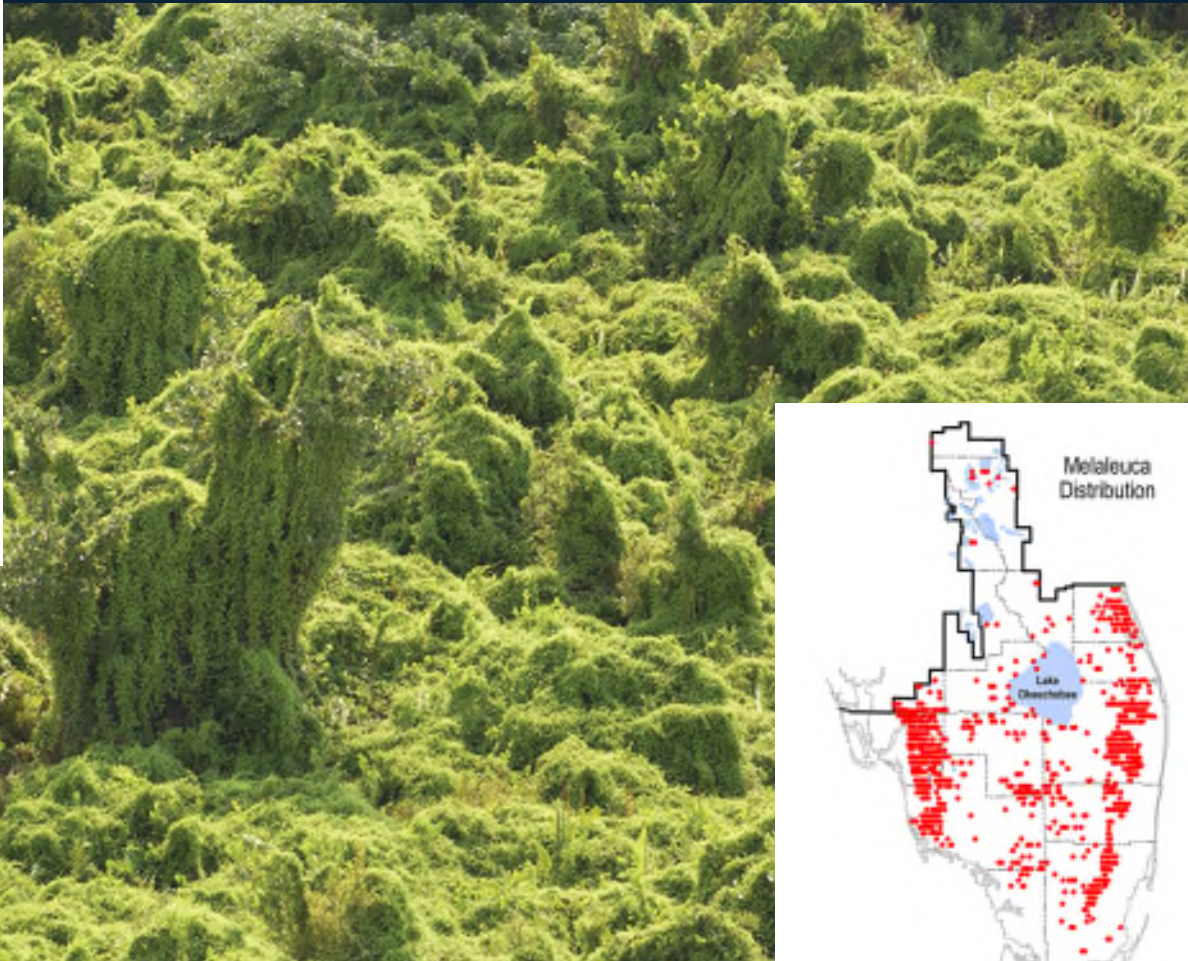
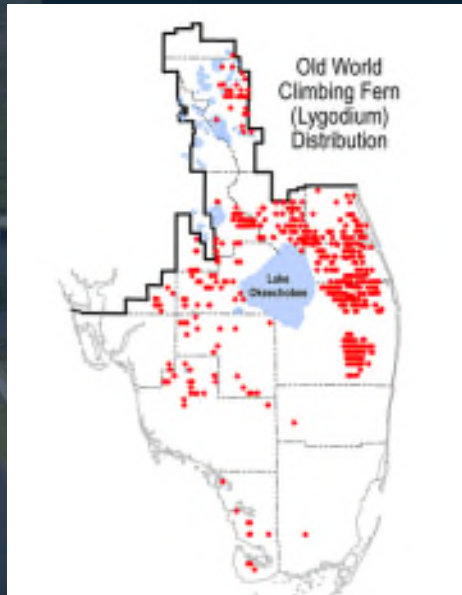
- Technology - Automation
- Infrastructure support
  - I-95, I-75, Sawgrass Exprwy, US27
  - Telemetry communications
  - More robust communications
    - Telephone ( Mobile, Sat., etc.)
    - Internet
  - More robust electrical power distribution
- Distribution of new works
  - Remote areas
- Increased risk profile
  - Population growth in poorly drained areas
- Evaluated FPL and others to consider new options

# Post-Project Obligations

- Operations, maintenance and construction
- Monitoring and reporting requirements



# Challenge of Invasive Plant Management



Current Priority:  
Building projects & providing benefits





# Example of Successful Large-Scale Restoration



**Kissimmee River  
Pre-Restoration Construction**

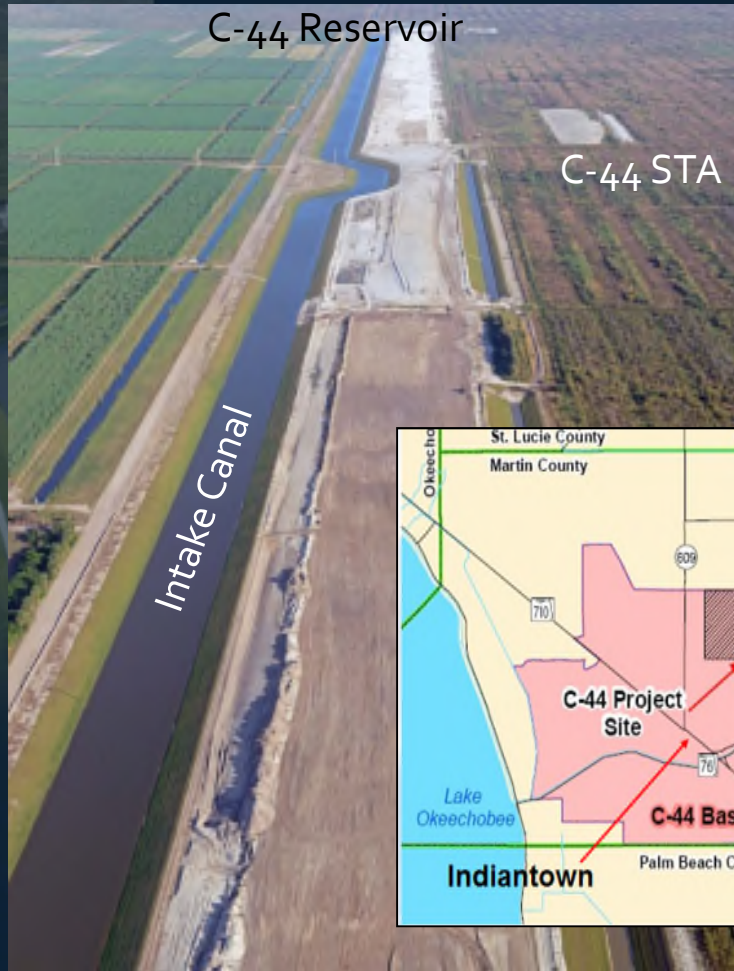
**Kissimmee River  
Post-Construction Changes**



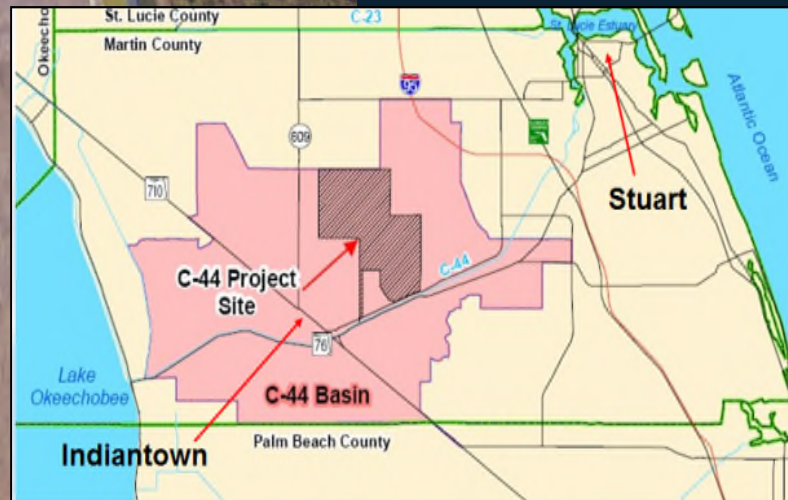
# Initiate Lake Okeechobee BMAP – Lakeside Ranch STA Phase 2



# Accelerated construction of C-44 Reservoir Project's STA components

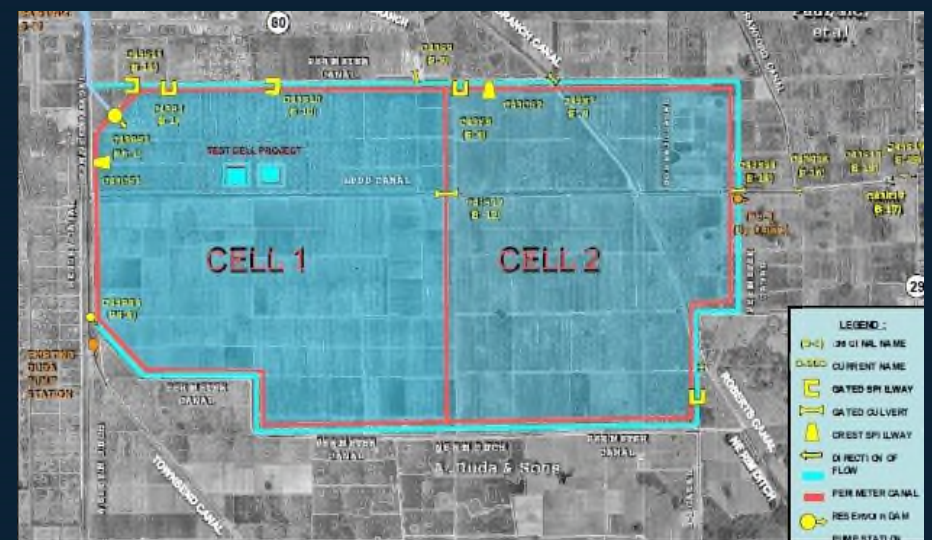


- State expediting Stormwater Treatment Area, discharge system and pump station
- USACE constructing reservoir

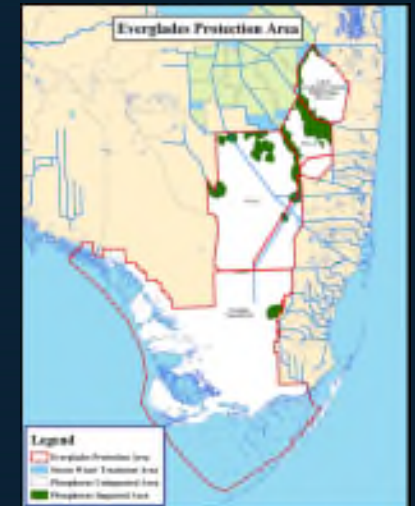


# Interim storage at C-43 (Caloosahatchee River) West Reservoir site

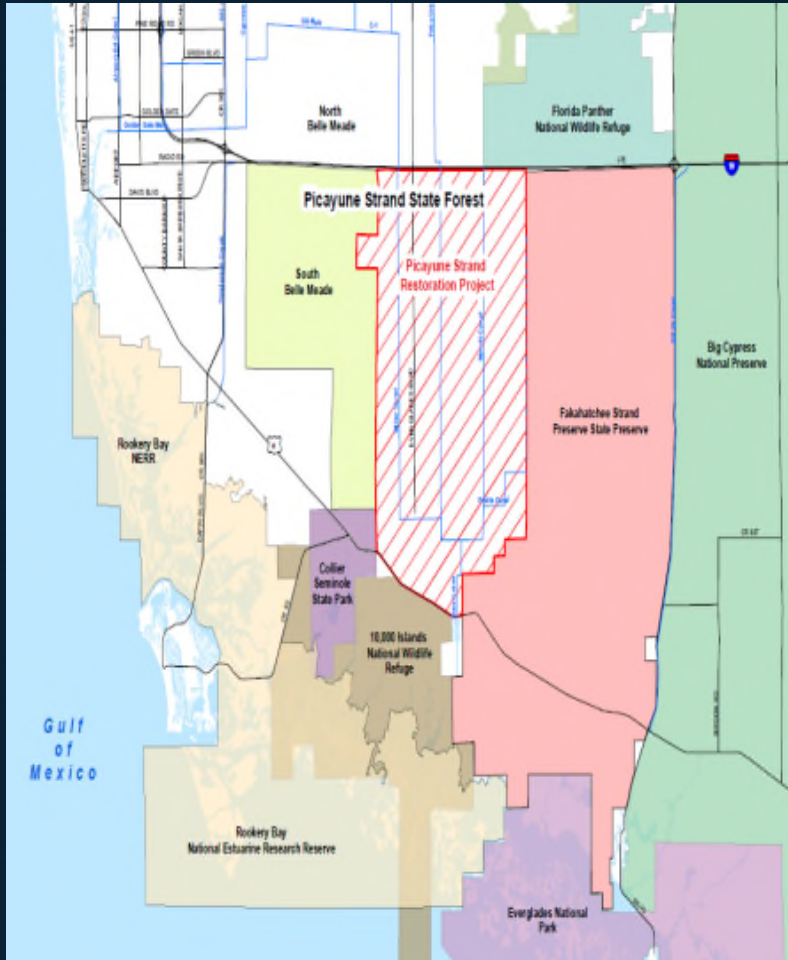
- Portion of site used for temporary storage
- State committed \$18M in Fy15 to begin construction for early benefits



# Implement Restoration Strategies to further improve Everglades water quality



# Test Picayune Strand Restoration Pump Station & Build Additional Features

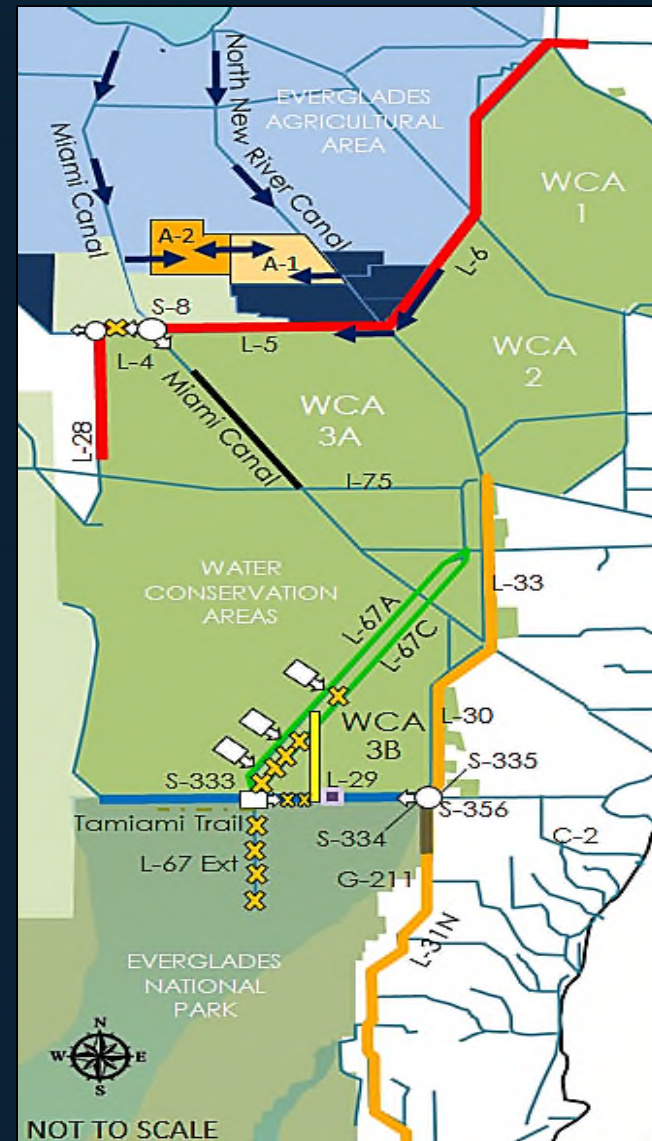
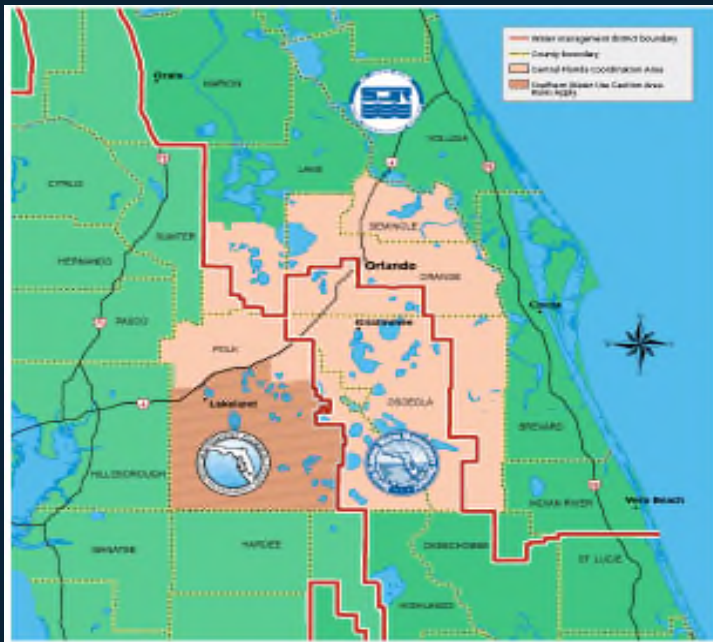


# Maximizing Storage: Utilizing Public and Private Lands



# Future Project Planning

- Central Everglades Planning Project
- Central Florida Water Initiative





Questions?

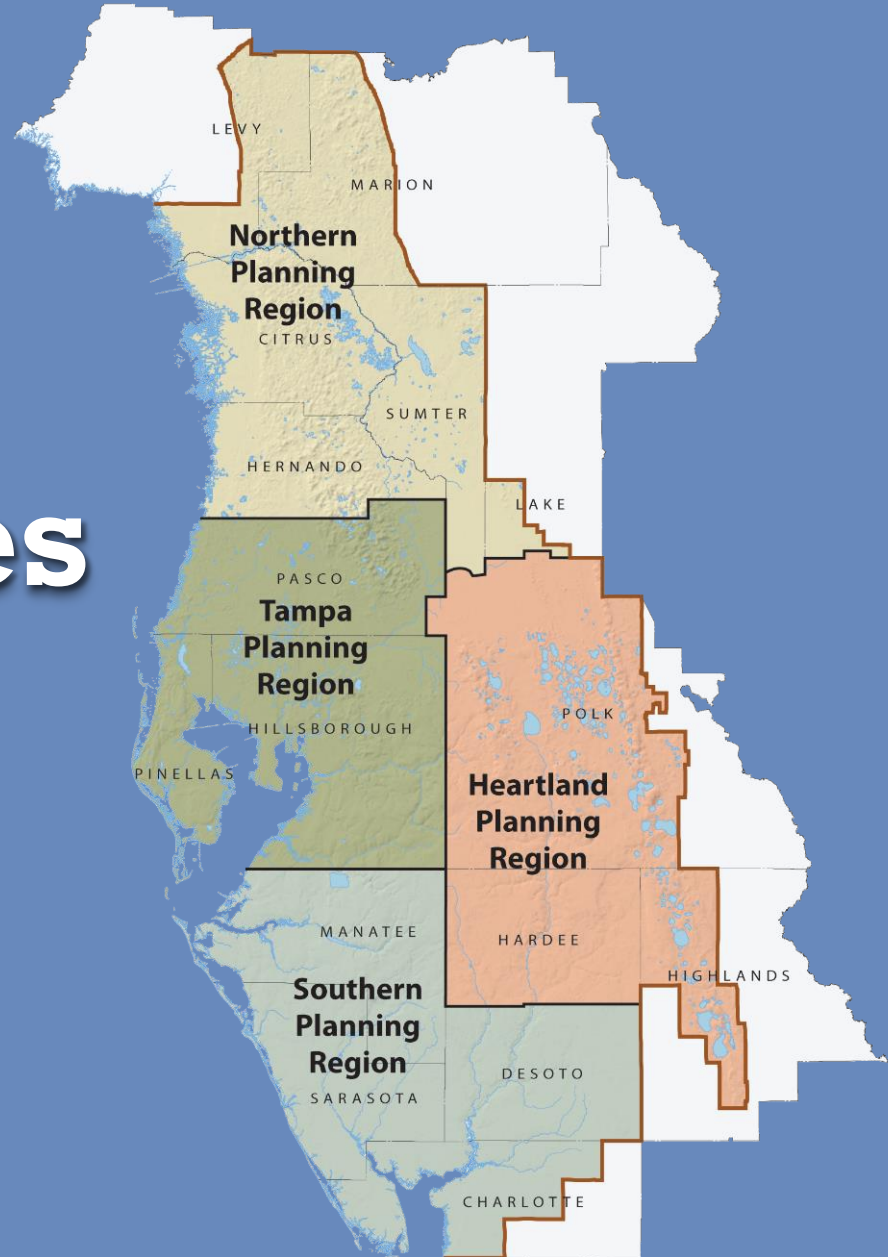


[sfwmd.gov](http://sfwmd.gov)

# Water Resource Objectives

Senate Environmental Preservation &  
Conservation Committee  
January 21, 2015

Robert Beltran, P.E. Executive Director  
Southwest Florida Water Management District



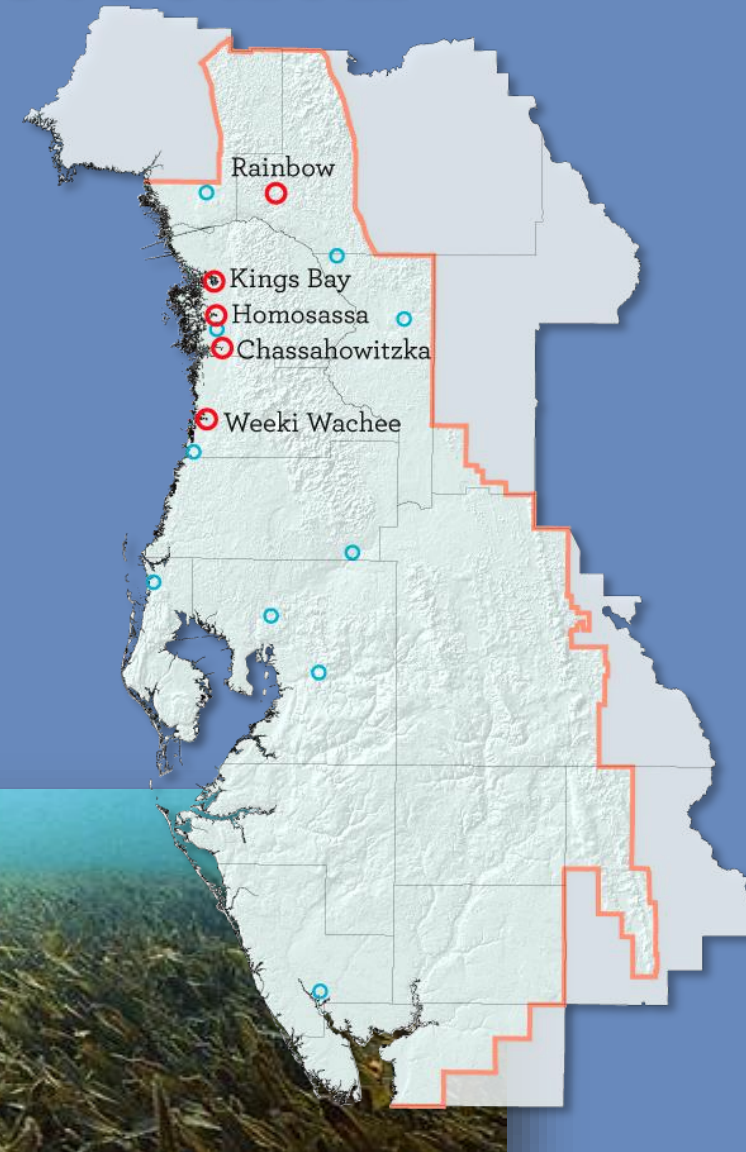
# Cooperative Funding Since 1988

- **\$1 billion** District-funded
- **\$2 billion** combined regional investment
- **Five-year avg. annual expenditure: \$62 million**



# Springs & Natural Systems Restoration and Protection

- **12 SWIM Priority Waterbodies**
  - **5 First-magnitude groups**



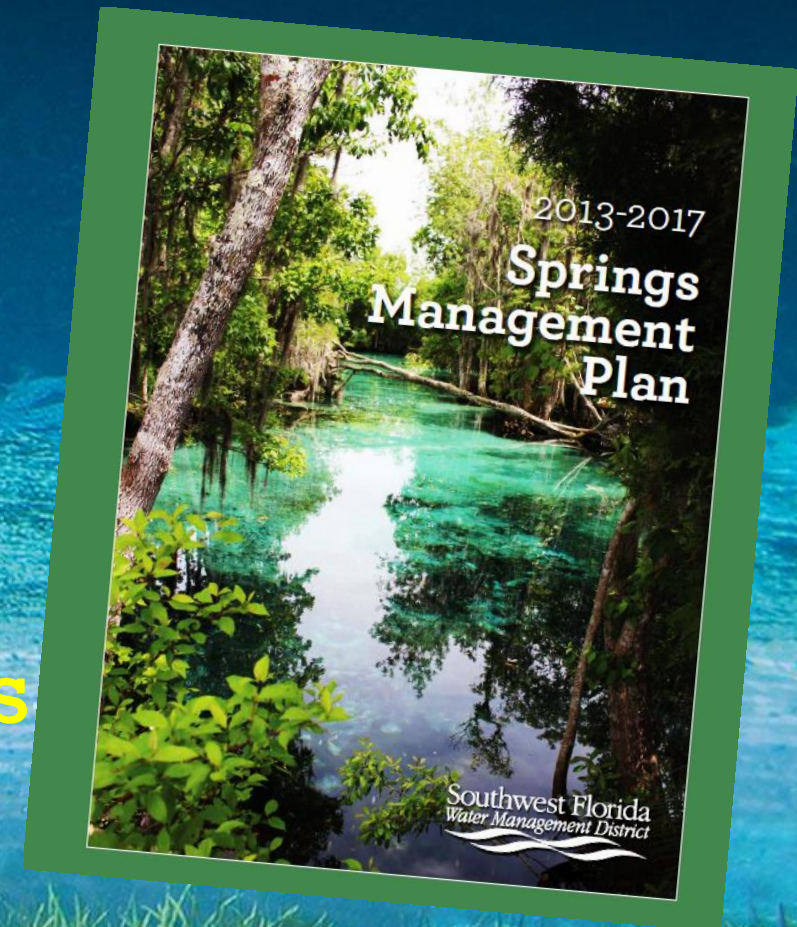
# Threats to Springs

- Habitat loss
- Increases in nutrients
- Reductions in discharge due to a decline in rainfall
- Increases in salinity, mostly from sea-level rise

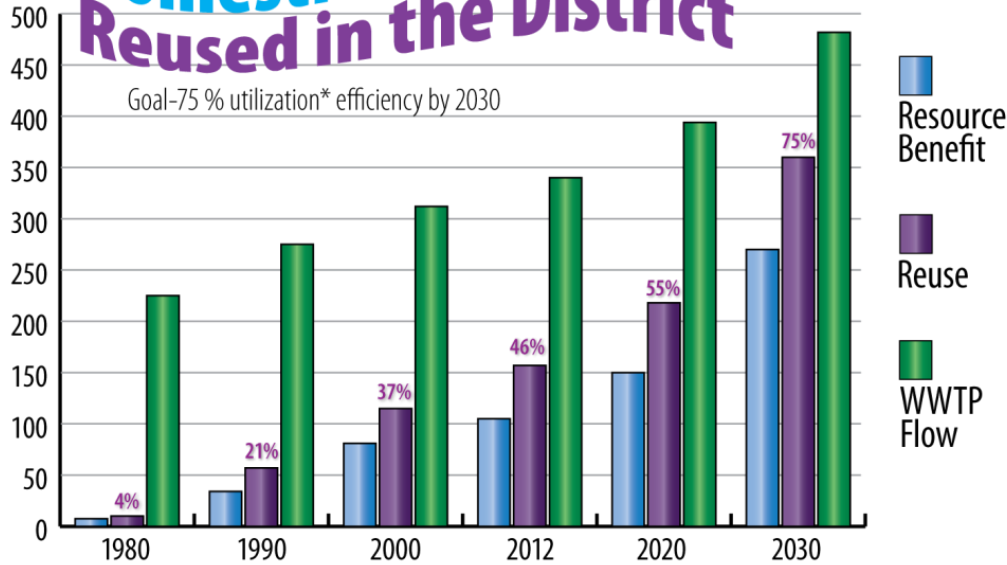


# Springs Management Plan

- Education & Outreach
- Restoration
- Monitoring & Research
- Conservation
- Land Acquisition
- Minimum Flows and Levels

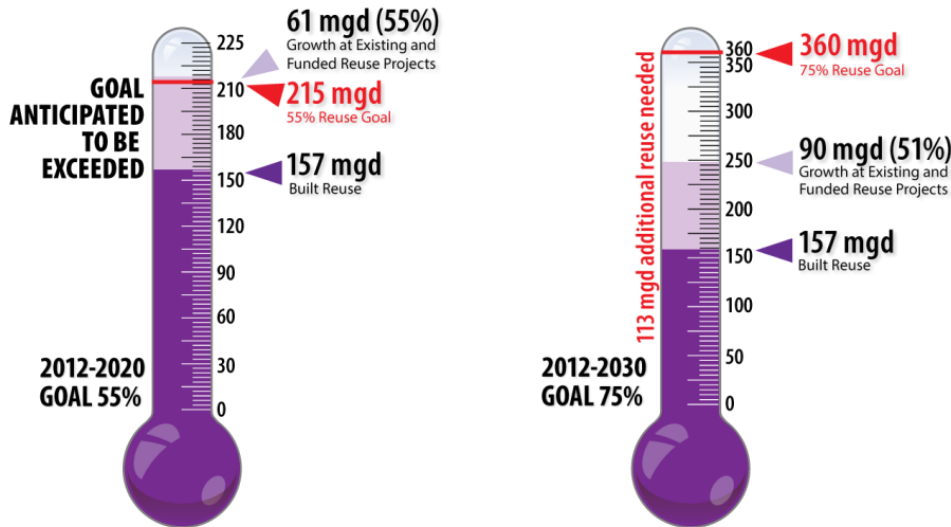


# Domestic Wastewater Reused in the District



## Reuse Water Quantity

Goal 75% utilization by 2030

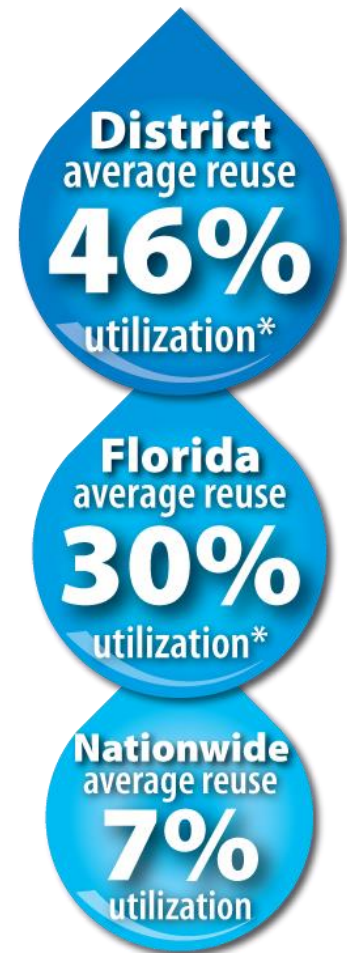


## Reuse All-Stars

### Percent Utilization

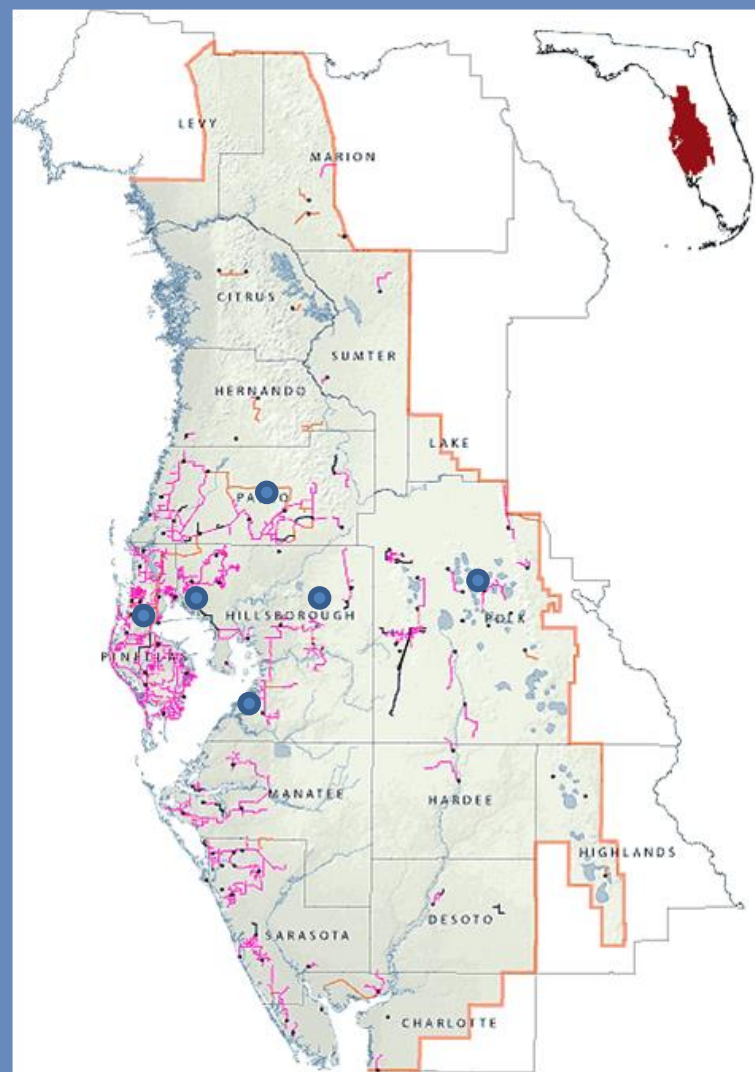
- 100% Brooksville
- 100% Bartow
- 100% Wachula
- 98% The Villages
- 73% Pinellas Co.
- 73% Pasco Co.
- 65% Manatee Co.
- 62% Sarasota Co.
- 56% Hillsborough Co.

**46%** Districtwide  
\*Beneficial Reuse



# Ongoing Reclaimed Recharge Projects

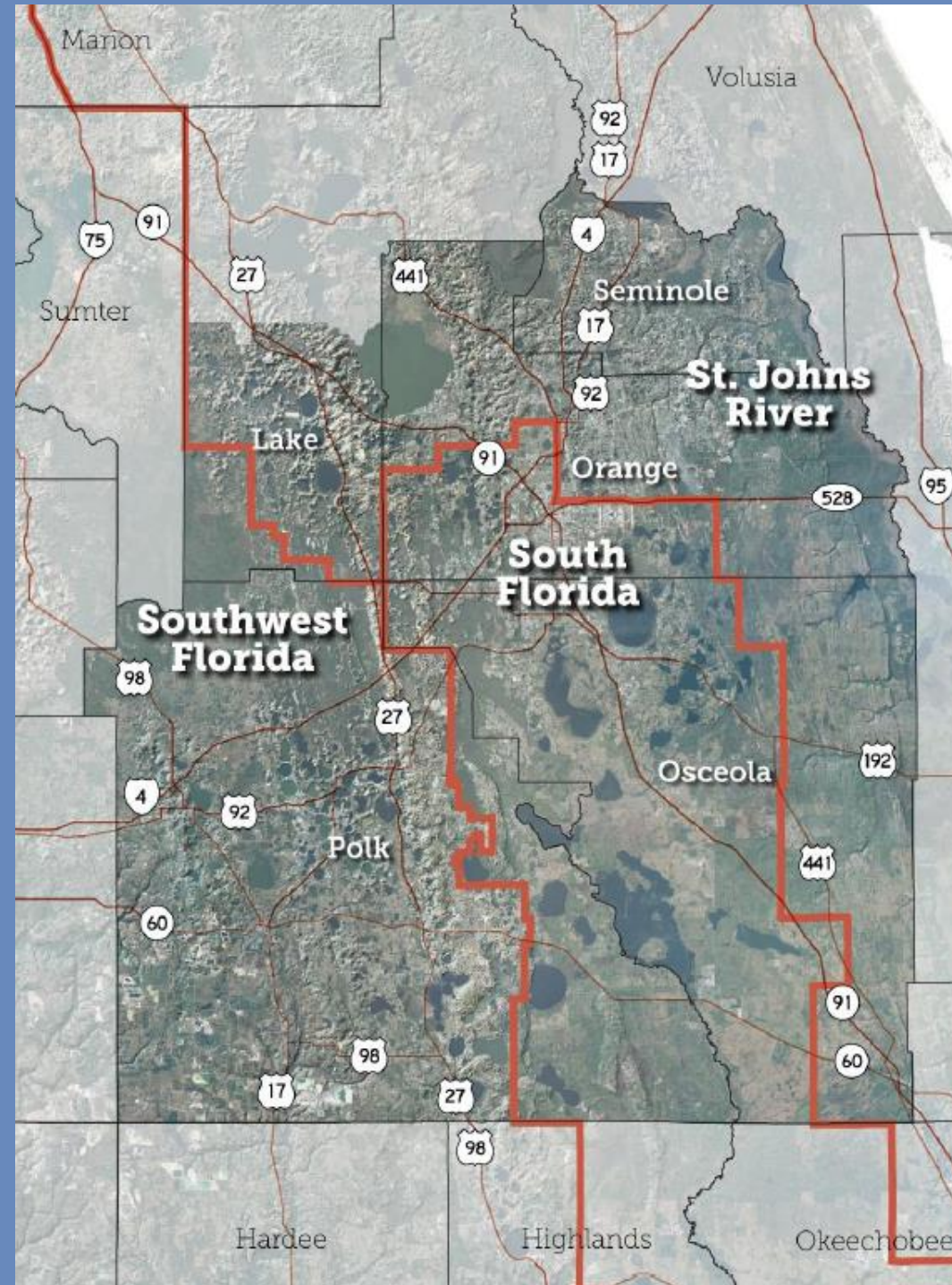
- Clearwater IPR Injection 3 mgd
- Central Pasco RIBs 5 mgd
- Winter Haven RIBs 3 mgd
- East Hillsborough RIBs 25 mgd
- Hillsborough SHARP/NW Injection 16 mgd





# Central Florida Water Initiative Overview

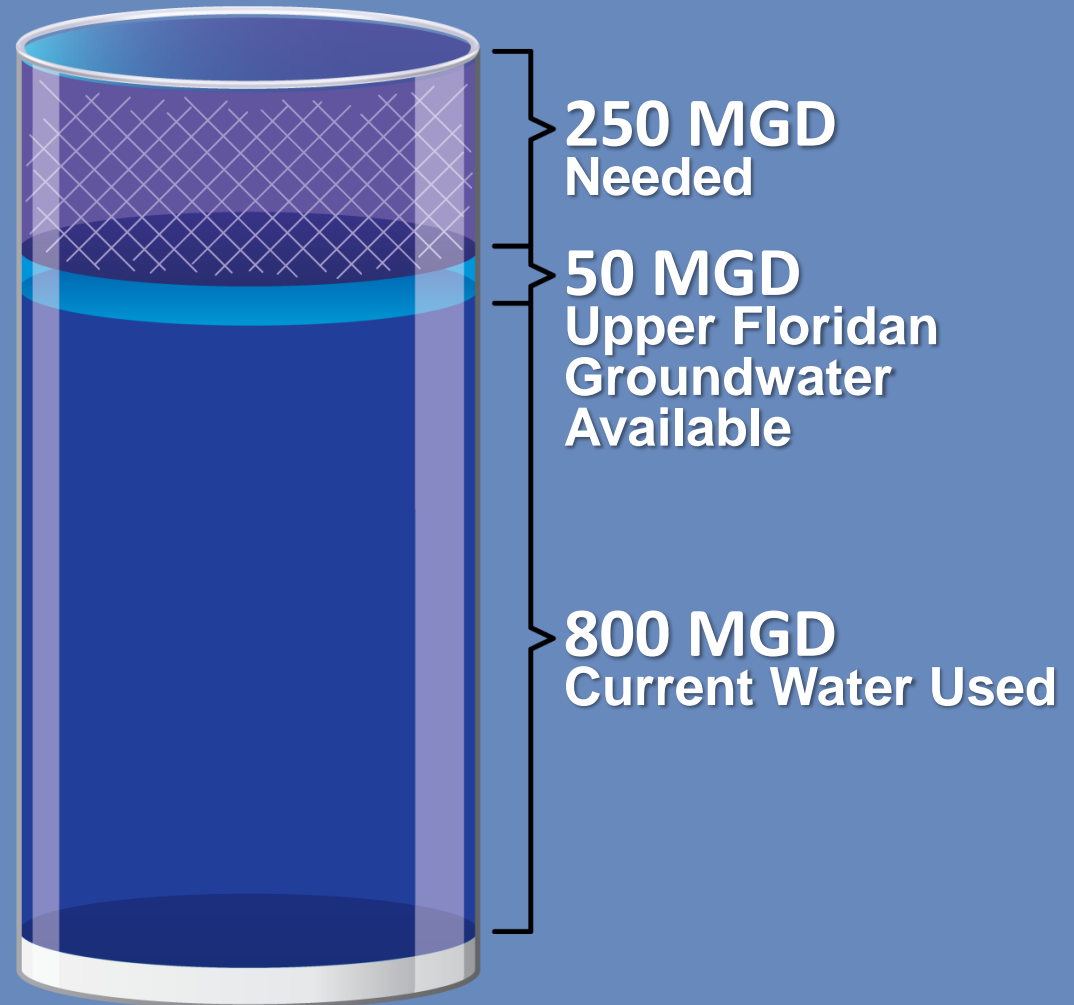
*A collaborative water  
supply planning  
endeavor to protect,  
develop, conserve  
and restore our water  
resources*



# The Region's Challenge

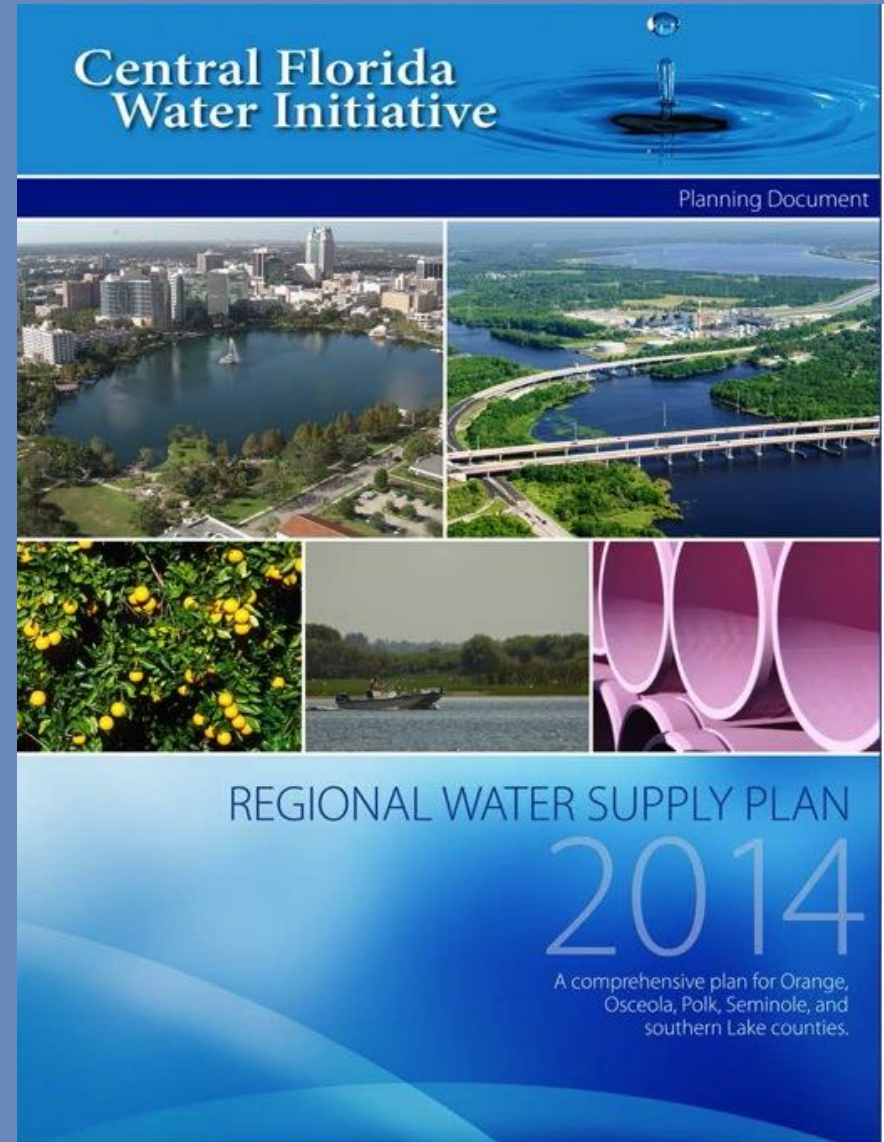
- With population growth in central Florida, the pressures on water supply will only increase

1,100 MGD  
Total Water Needed (2035)



# One Plan for CFWI Region

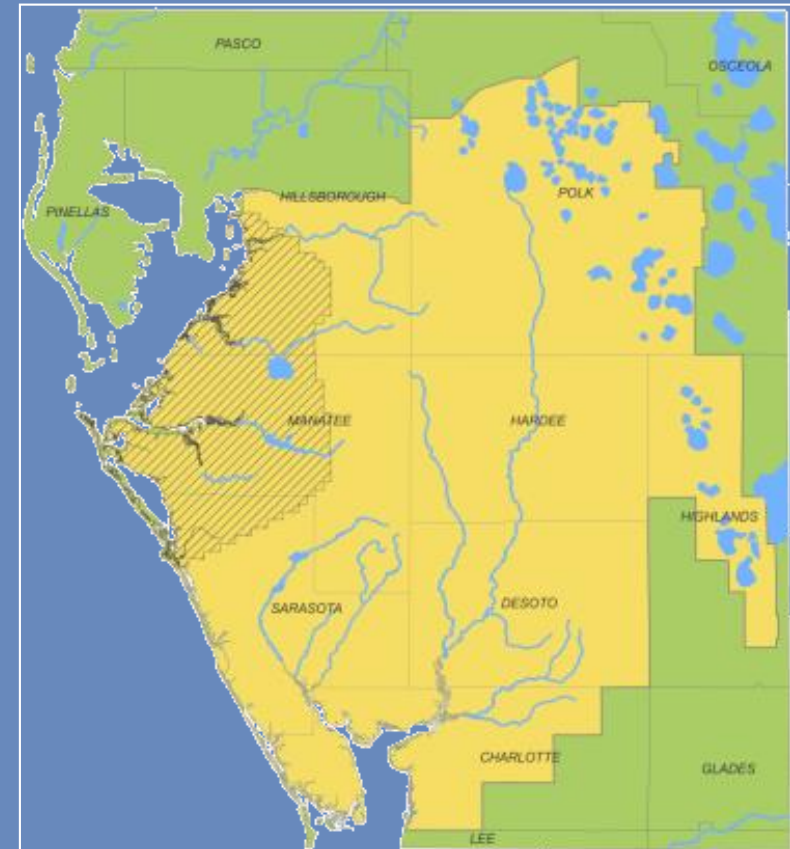
- Developed first-ever
- Collaborative effort
- Strong scientific foundation



# Southern Water Use Caution Area

## Goals

1. **Restore minimum flows to the upper Peace River**
2. **Restore minimum levels to priority lakes**
3. **Achieve the Saltwater Intrusion Minimum Aquifer Level (SWIMAL)**
4. **Ensure sufficient water supplies for all existing and projected reasonable beneficial uses**



# Facilitating Agricultural Resource Management Systems (FARMS)

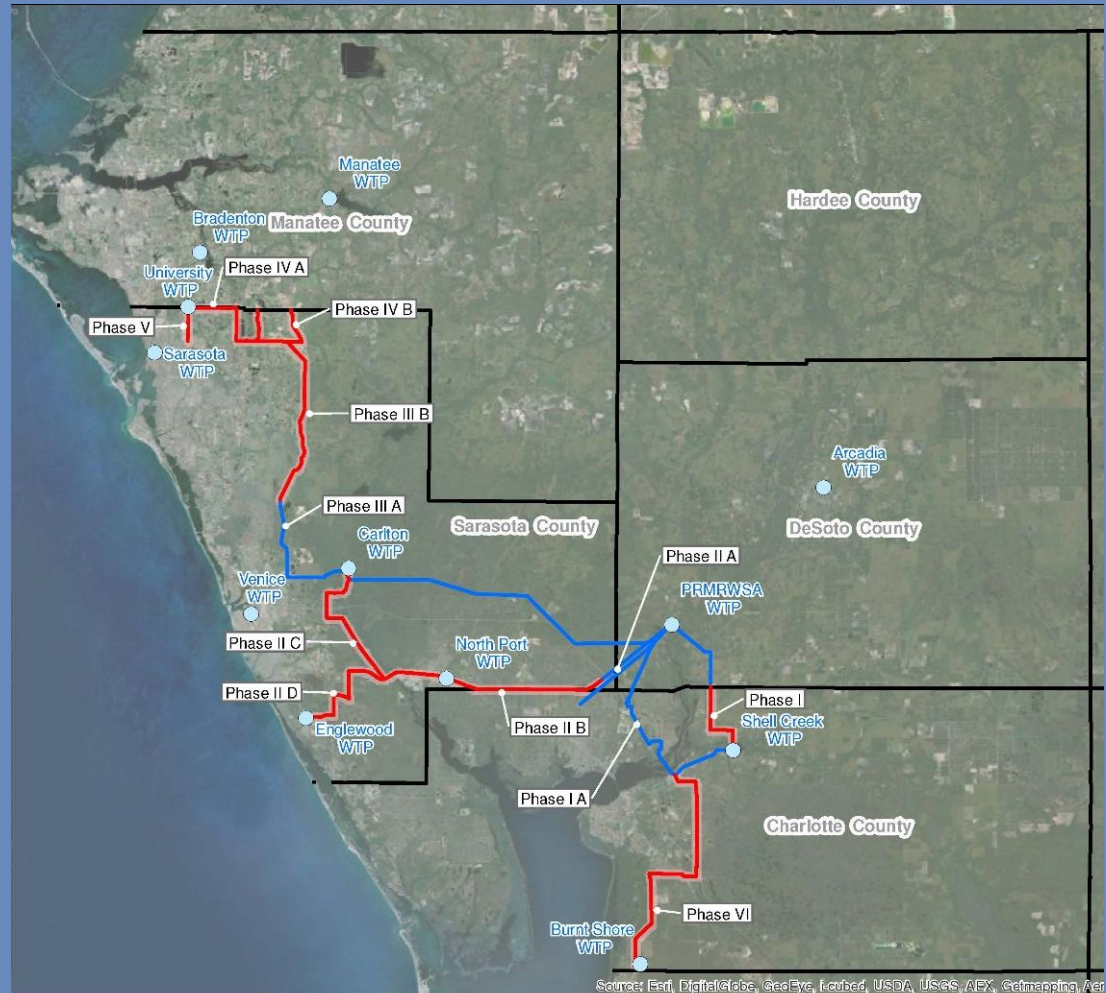
- 164 Board-approved projects\*
- 25.5 mgd projected groundwater offset

*\*As of October 2014*



# Regional Integrated Loop System

- Peace River Manasota Regional Water Supply Authority
- 25 mgd to 900,000 residents
- Provide maximum flexibility to ensure sustainable supply



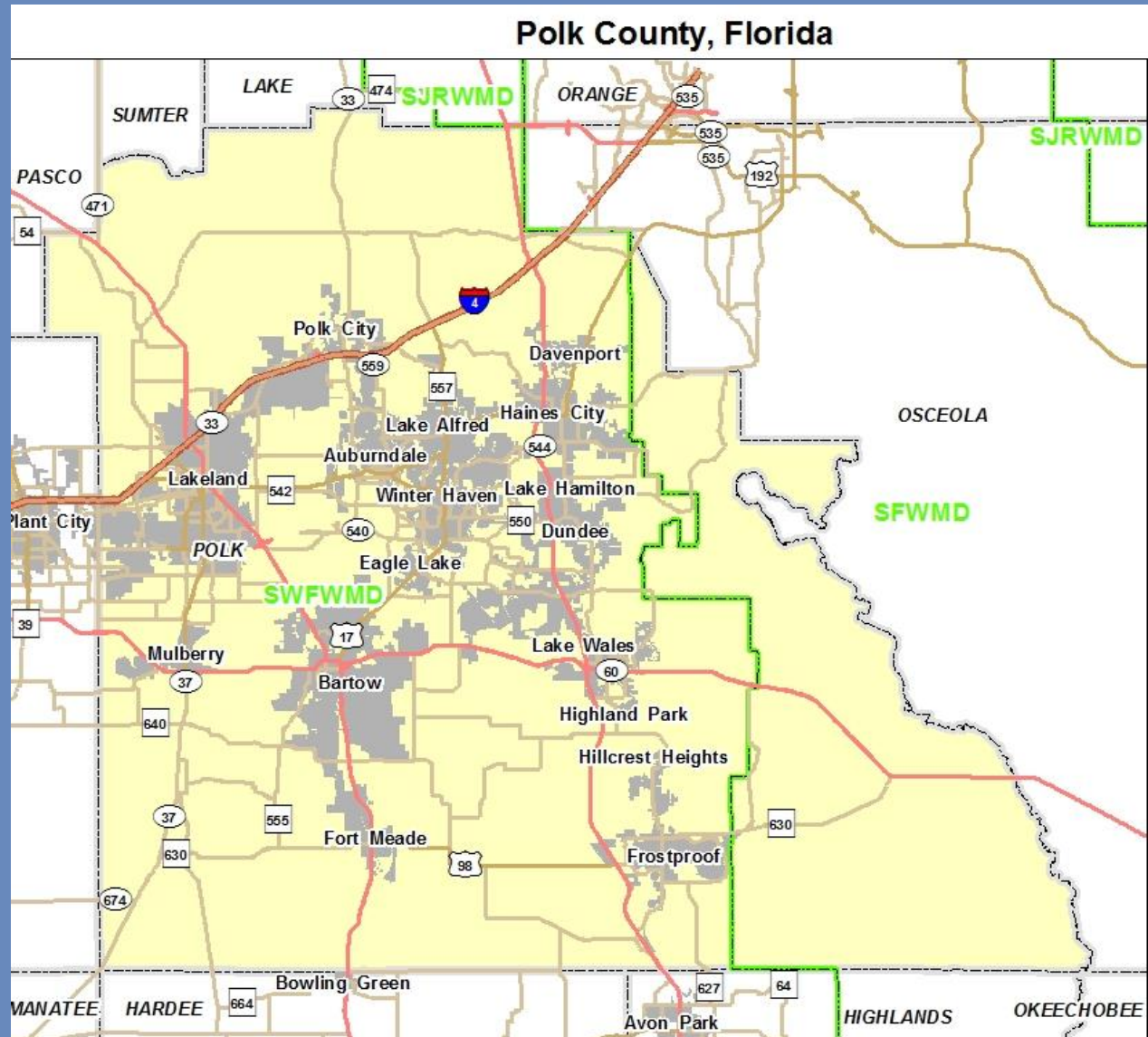
Peace River Manasota Regional Water Supply Authority  
Regional Integrated Loop system

Regional Pipelines



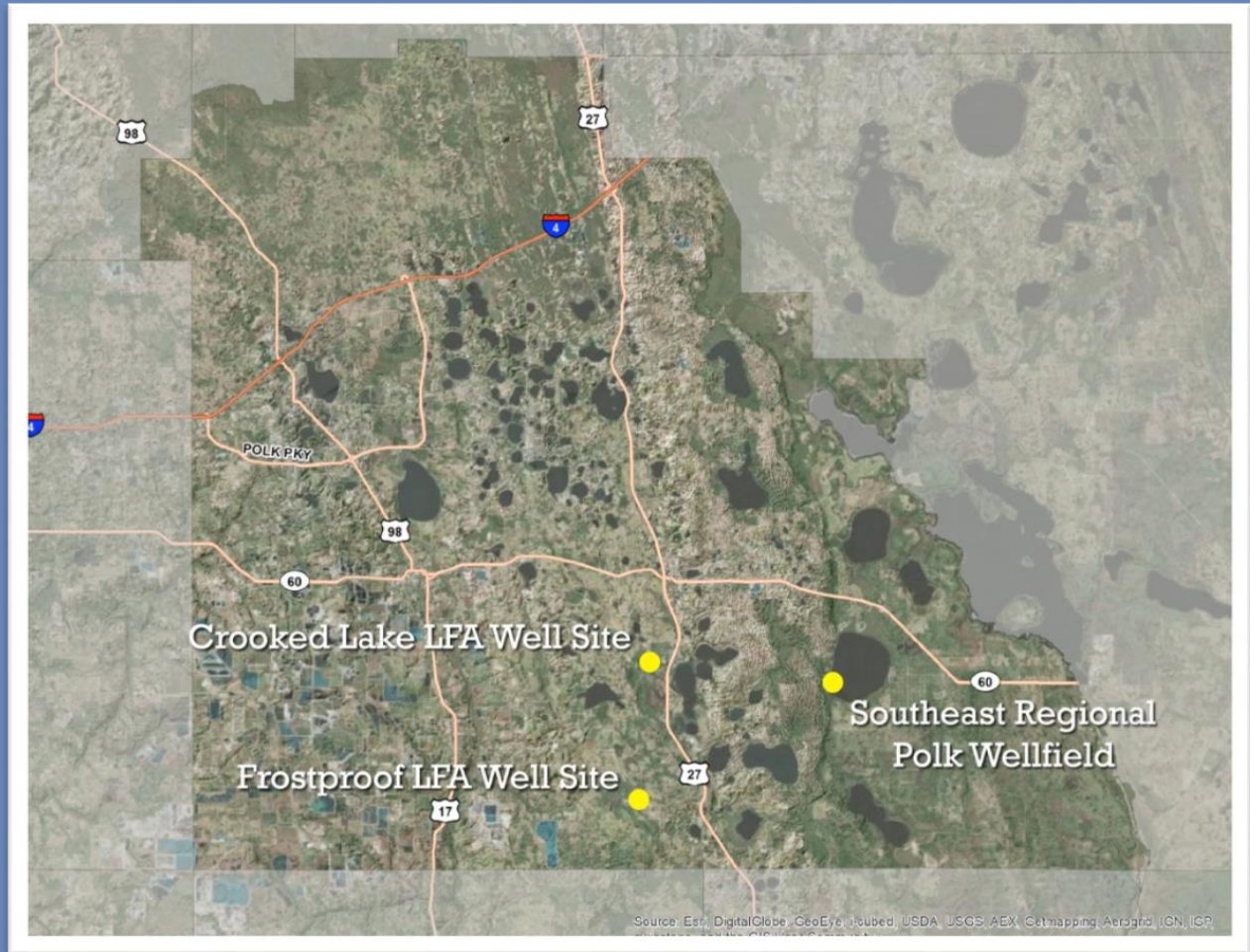
# Polk County Water Supply Development

- 30 mgd needed
- Polk county, 17 municipalities and 26 municipal utility service areas



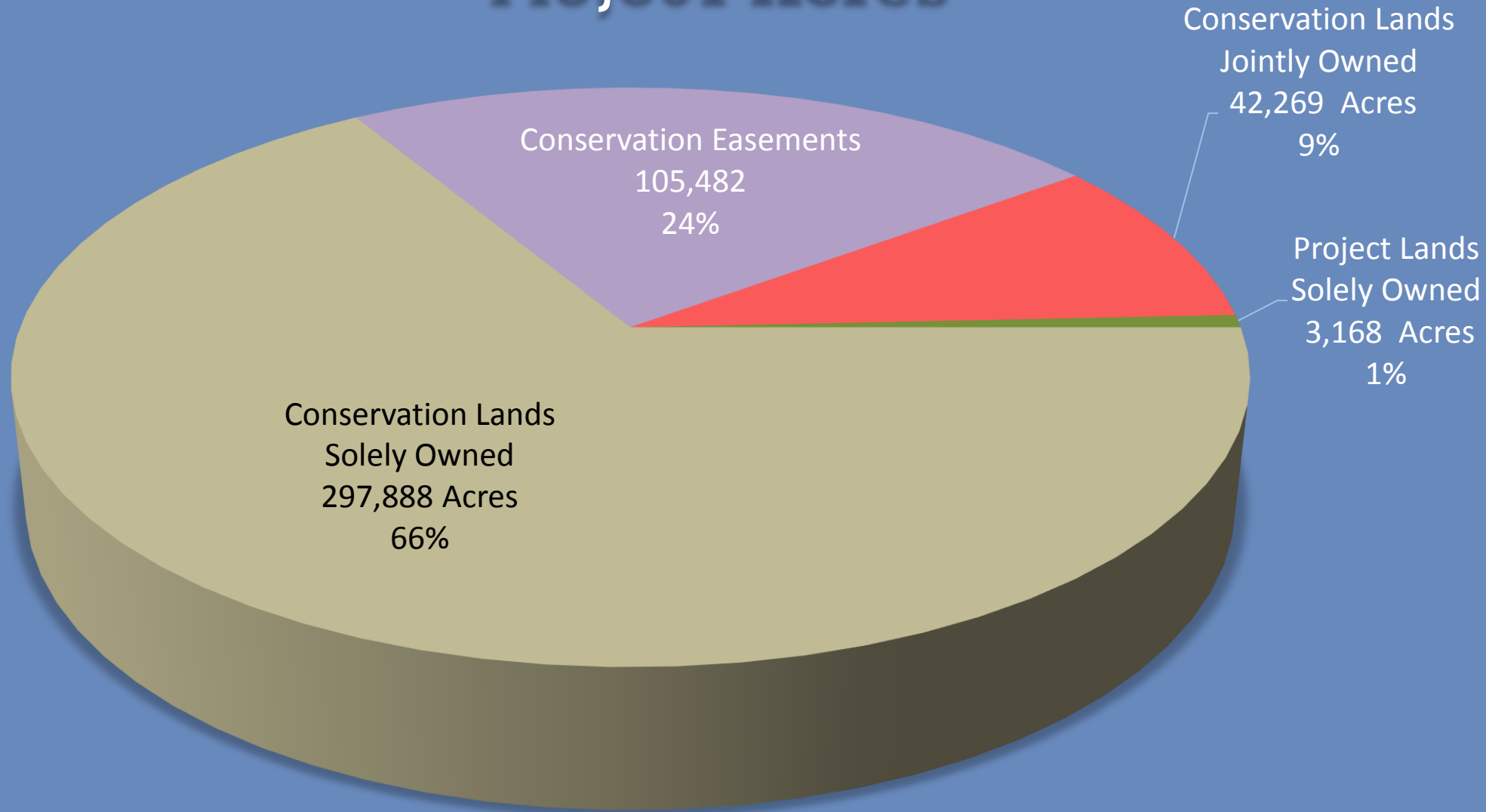
# SE Polk Lower Floridan Wellfield Project

- Requires regional entity
- 13 Project Partners (including 3 different Polk utility service areas)

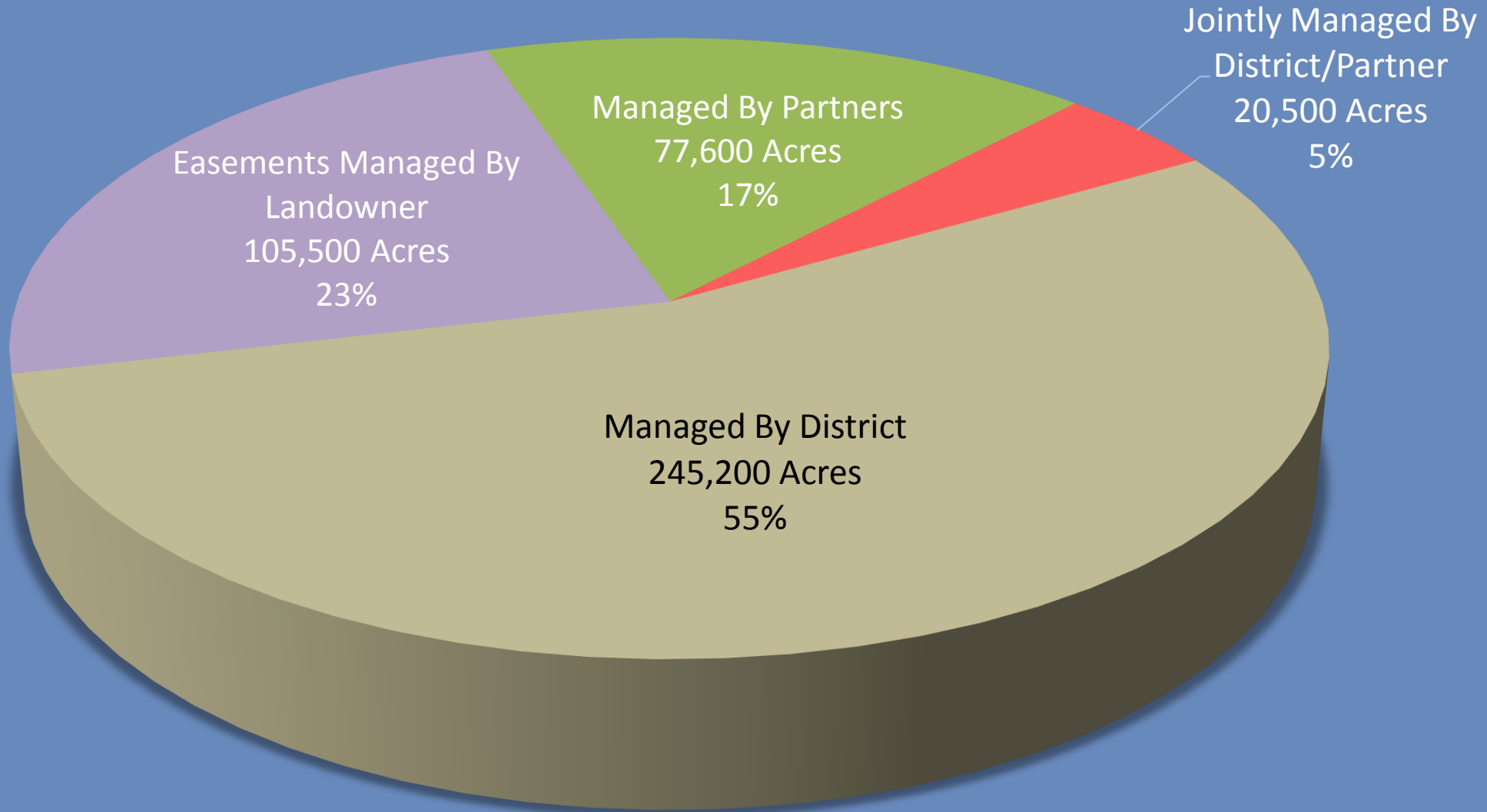




# SWFWMD Acquired Land/Easements – 448,807 Acres



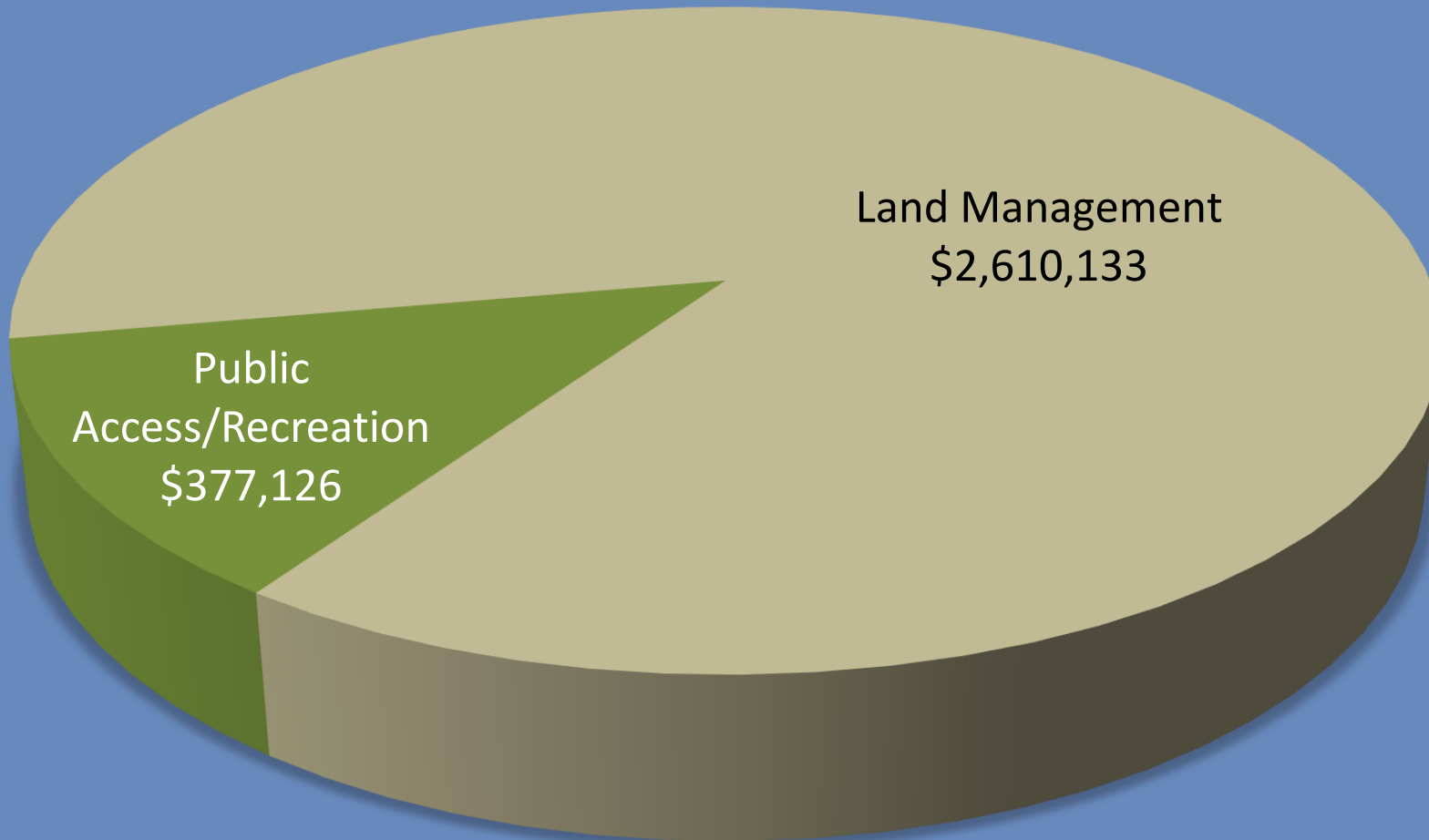
# District Land Management Responsibilities



# SWFWMD FY2014 Land Management Expenditures

*\$2,987,258 total expenditures*

*Cost per acre for land management = \$8.70*



# Land Management Challenges

- Invasive plants
- Urban interface
- Restoration priorities

# Questions



THE FLORIDA SENATE  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

1/21/15  
Meeting Date

\_\_\_\_\_  
Bill Number (if applicable)

Topic Senate Environmental Preservation and Conservation Committee meeting  
Name Rich Budell Amendment Barcode (if applicable) \_\_\_\_\_

Job Title Director, Office of Agricultural Water Policy

Address 400 South Monroe Street

Phone 617-7700

Tallahassee  
City

FL  
State

32399  
Zip

Email \_\_\_\_\_

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Florida Department of Agriculture and Consumer Services

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

**This form is part of the public record for this meeting.**

THE FLORIDA SENATE  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

11/21/15

Meeting Date

Bill Number (if applicable)

Topic Overview of Dept. of Environmental Protection

Amendment Barcode (if applicable)

Name Lenny Zeiler

Job Title Chief of Staff

Address 3900 Commonwealth Blvd.

Phone (800) 245-2118

Street

Tallahassee

FL

State

32399

Zip

Email lenny.zeiler@dep.state.fl.us

fl.us

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing DEP

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

THE FLORIDA SENATE

APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Jan. 21, 2015  
Meeting Date

Bill Number (if applicable)

Topic FWC Environmental Programs

Amendment Barcode (if applicable)

Name Nick Wiley

Job Title Executive Director

Address 620 S. Meridian  
Street

Phone 487-3796

Tallahassee FL 32399  
City State Zip

Email nick.wiley@myfwc.com

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing Fish & Wildlife Conservation Commission

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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THE FLORIDA SENATE

APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

1-21-15

Meeting Date

SB 166

Bill Number (if applicable)

Topic Alert Agencies Present to Citizen Actions on Fracking

Name Amy Datz

Job Title Retired Environmental Scientist

Address 1130 Coastview Ave.

Street

Phone (850) 322-7599

Tallahassee, Fl.

City

State

32303

Zip

Email amali.datz@mac.com

Speaking: For Against Information

Waive Speaking: In Support Against (The Chair will read this information into the record.)

Representing Environmental Caucus of FL.

Appearing at request of Chair: Yes No

Lobbyist registered with Legislature: Yes No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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THE FLORIDA SENATE  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date \_\_\_\_\_

Bill Number (if applicable) \_\_\_\_\_

Topic SFWMD

Amendment Barcode (if applicable) \_\_\_\_\_

Name Blake Guillory

Job Title South Florida WMD Executive Director

Address \_\_\_\_\_  
Street

Phone \_\_\_\_\_

City

State

Zip

Email \_\_\_\_\_

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing SFWMD

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

*While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.*

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THE FLORIDA SENATE  
**APPEARANCE RECORD**

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

1/21/15  
Meeting Date

\_\_\_\_\_  
Bill Number (if applicable)

Topic Env. Programs

\_\_\_\_\_  
Amendment Barcode (if applicable)

Name Robert Beltran

Job Title Exec Director

Address 2379 Broad St  
Street

Phone 800 423 1476

Brooksville FL 34604  
City State Zip

Email \_\_\_\_\_

Speaking:  For  Against  Information

Waive Speaking:  In Support  Against  
(The Chair will read this information into the record.)

Representing SWFWMD

Appearing at request of Chair:  Yes  No

Lobbyist registered with Legislature:  Yes  No

*While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.*

**This form is part of the public record for this meeting.**

# CourtSmart Tag Report

Room: LL 37  
Caption: Senate

Case:  
Judge:

Type:

Started: 1/21/2015 9:01:55 AM  
Ends: 1/21/2015 11:32:05 AM Length: 02:30:11

9:01:56 AM Meeting called to order by Senator Dean  
9:02:04 AM Roll Call  
9:03:56 AM Senator Dean on Amendment 1  
9:05:13 AM Presentation by Rich Budell, DACS  
9:09:12 AM Irrigation, BMPs  
9:18:03 AM Water resource conservation  
9:19:06 AM Question from Senator Simmons  
9:19:45 AM Response from Rich Budell  
9:21:11 AM Followup from Senator Simmons  
9:21:28 AM Reponse from Rich Budell  
9:22:02 AM Question from Senator Hays  
9:23:01 AM Response from Rich Budell  
9:23:46 AM Followup question from Senator hays  
9:23:54 AM Response from Rich Budell  
9:24:13 AM Question from Senator Simpson  
9:24:49 AM Response from Rich Budell  
9:25:52 AM Question from Senator Evers  
9:26:18 AM Response from Mr. Budell  
9:27:26 AM Followup from Senator Evers  
9:27:34 AM Response from Mr. Budell  
9:28:30 AM Followup from Senator evers  
9:29:11 AM Response from Mr. Budell  
9:29:40 AM Followup from Senator Evers  
9:30:28 AM response from Mr. Budell  
9:30:56 AM Question from Senator Simmons  
9:31:15 AM Mr. Budell  
9:31:37 AM Senator Simmons  
9:32:29 AM Mr. Budell  
9:32:33 AM Senator Hays  
9:34:33 AM Mr. Budell  
9:34:38 AM Senator Dean  
9:36:26 AM Senator Soto  
9:36:46 AM Mr. Budell  
9:38:12 AM Water Supply Planning, Future Demand  
9:45:00 AM Question from Senator Altman  
9:46:02 AM Presentation from Lennie Zeiler, DEP  
9:47:08 AM DEP Agency Overview and Land Management Discussion  
9:59:15 AM Conclusion of presentation  
9:59:21 AM Question from Senator Soto  
9:59:40 AM Response from Mr. Zeiler  
9:59:52 AM Followup from Senator Soto  
10:00:01 AM response from Mr. Zeiler  
10:00:20 AM Senator Soto  
10:00:49 AM Mr. Zeiler  
10:00:53 AM Question from Senator Simmons  
10:01:01 AM Response from Mr. Zeiler  
10:01:32 AM Presentation from Nick Wiley, Executive Director, FWC  
10:02:10 AM FWC Overview  
10:11:10 AM Conclusion of presentation  
10:11:22 AM Question from Senator Hays  
10:11:29 AM Response from Mr. Wiley  
10:12:39 AM Senator Hays

10:12:48 AM Senator Dean  
10:13:25 AM Question from Senator Altman  
10:14:28 AM Senator Dean  
10:14:52 AM Senator Soto  
10:15:10 AM Mr. Wiley  
10:16:23 AM Comments from Senator Dean  
10:16:50 AM Question from Senator Simmons  
10:17:06 AM Response from Mr. Wiley  
10:18:11 AM Response from Mr. Wiley  
10:19:26 AM Senator Dean  
10:19:47 AM Ms. Amy Datz, Alert Agencies Present to Citizen Actions on Fracking  
10:21:02 AM Ms. Amy Datz, representing Environmental Caucus of Florida  
10:21:22 AM Senator Dean  
10:21:54 AM Presentation from Blake Guillory, SFWMD  
10:22:49 AM South Florida Projects and Priorities- SFWMD  
10:33:26 AM Question from Senator Simmons  
10:34:26 AM Response from Mr. Guillory  
10:36:12 AM Followup from Senator Simmons  
10:36:19 AM Response from Mr. Guillory  
10:36:28 AM Continuation of presentation- resevoir C-44  
10:38:24 AM Question from Senator Dean  
10:38:34 AM response from Mr. Guillory  
10:39:41 AM Question from Senator Simpson  
10:39:49 AM Response from Mr. Guillory  
10:41:41 AM Senator Hays  
10:41:58 AM Response from Mr. Guillory  
10:42:30 AM Comments from Senator Hays  
10:42:47 AM Response from Mr. Guillory  
10:43:59 AM Senator Dean  
10:44:14 AM Senator Altman  
10:44:32 AM Senator Simmons  
10:46:01 AM Response from Mr. guillory  
10:46:51 AM Followup from Senator Simmons  
10:47:19 AM senator Dean  
10:48:29 AM Continuation of presentation- restoration strategies  
10:52:04 AM Future Project Planning- CEP  
10:53:16 AM Question from Senator Soto  
10:53:36 AM Response from Mr. Guillory  
10:54:12 AM Senator Soto  
10:55:26 AM Reponse From Mr. Guillory  
10:56:08 AM Senator Dean  
10:56:26 AM Response from Mr. Guillory  
10:57:28 AM Senator Dean  
10:57:37 AM Senator Hays  
10:57:47 AM Mr. Guillory  
11:00:03 AM Conclusion of presentation  
11:00:21 AM Presentation from Robert Beltran, SWFWMI  
11:00:55 AM Water Resource Objectives  
11:17:19 AM Senator Soto  
11:17:42 AM Response from Mr. Beltran  
11:18:22 AM Followup from Senator Soto  
11:18:32 AM Response from Mr. Beltran  
11:19:20 AM Continuation of presentation- SWFWMD Acquired Land  
11:24:11 AM Comment from Senator Dean  
11:25:36 AM response from Mr. Beltran  
11:26:33 AM Question from Senator Simmons  
11:27:00 AM Response from Mr. Beltran  
11:28:58 AM Senator Soto  
11:29:06 AM response from Mr. Beltran  
11:31:45 AM Closing comments from Senator Dean  
11:31:54 AM Meeting Adjourned