



Fisheating Creek  
Dispersed Water Management/Treatment  
and Feasibility Study

*South Florida Ecosystem Restoration Task Force  
Working Group/Science Coordination Group Meeting  
March 24, 2010*





# Dispersed Water Management & Treatment

## Definition

Shallow water distributed across parcel landscapes using relatively simple structures





# Approaches with Landowners



- **Payment for Services**
- **Easements**
- **Cost-share**



# Ongoing Activities

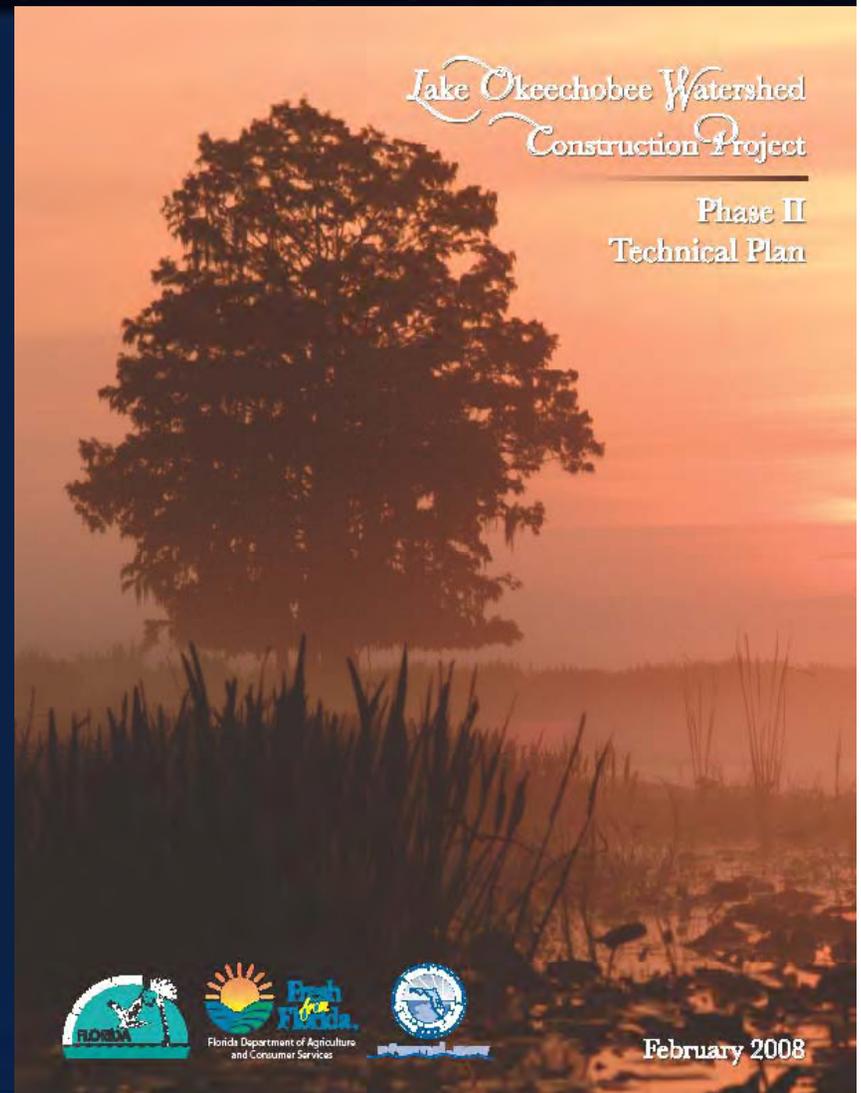
## Dispersed Storage and Treatment

Three Approaches Used	Performance or Status
Easements - USDA Wetland Reserve & Reserved Rights Pilot Programs	<b><u>Good progress.</u></b> State of Florida received ~\$76 million for easement programs in 2009. District is supportive of special funding program
Payment For Services - Florida Ranchlands Environmental Services Program	<b><u>Good progress.</u></b> Six water storage pilot projects retained 4,200 ac-ft of water with a P reduction of 1.5 MT. A WQ treatment pilot project removed 3.3 mt of P
Cost Share - Alternative Water Storage/ Disposal	<b><u>Good progress.</u></b> Federal funding for NRCS cost-share still available, reduced state funding
Dispersed Storage & Treatment Program Development	To date, all programs provide ~ 120,000 ac-ft. of storage. Pursuing remaining issues (T & E species, service payment approach, etc.) for program solicitation



# Northern Everglades Planning Process

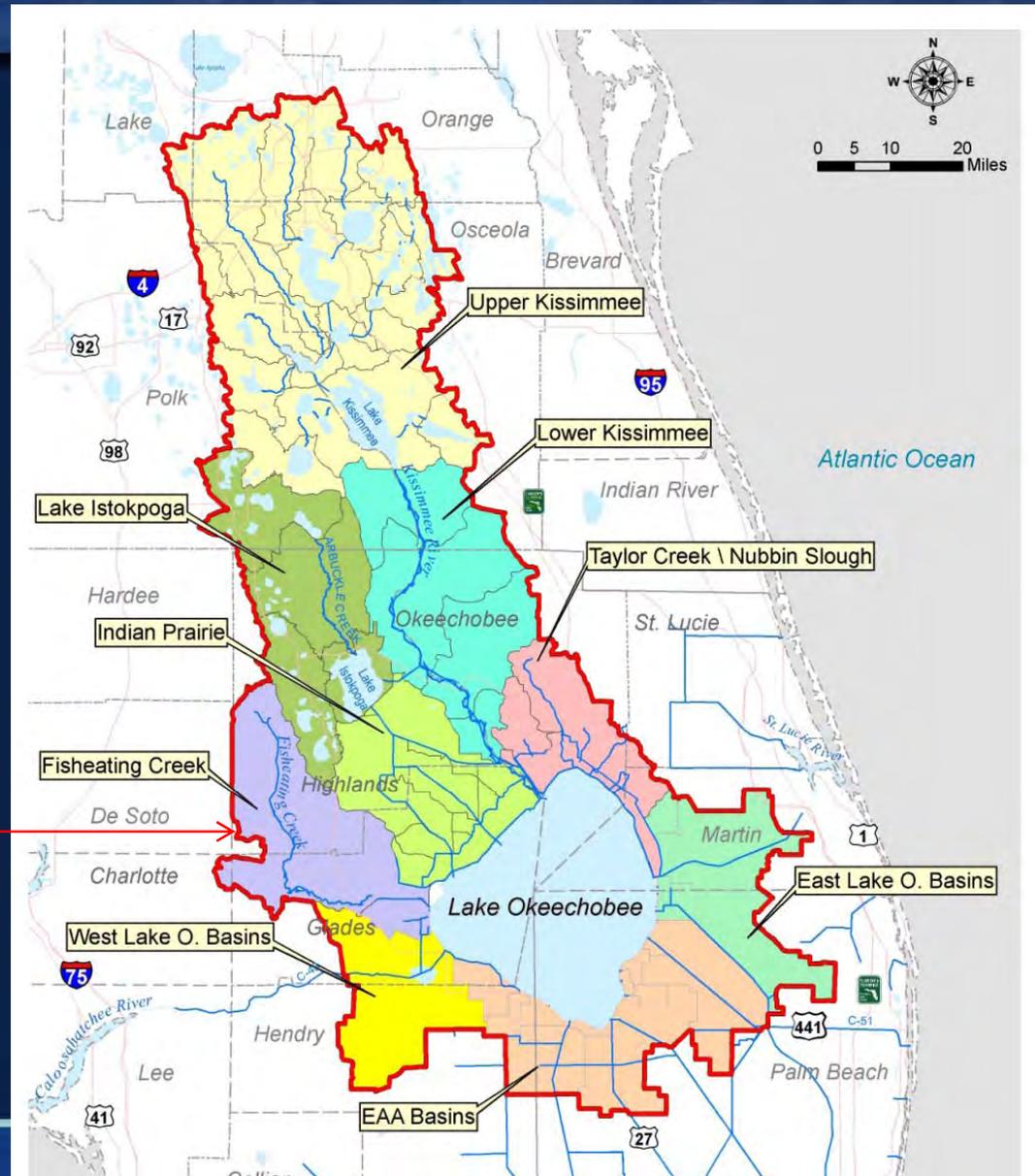
- **Lake Okeechobee Phase II Technical Plan**
  - **Delivered to Legislature-Feb 2008**
  - **Conceptual Plan- storage and water quality targets for nine sub-watersheds**
  - **Detailed studies- still needed for each sub-watershed to better refine targets and strategies**
  - **Fisheating Creek Feasibility Study is the first study currently underway**





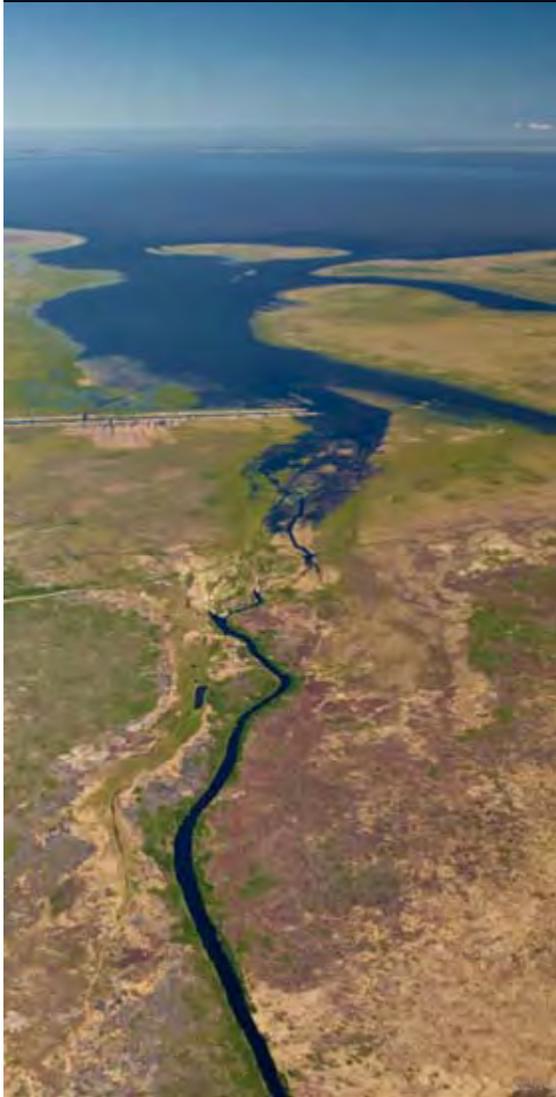
# Lake Okeechobee Watershed

Fisheating Creek  
Sub-watershed





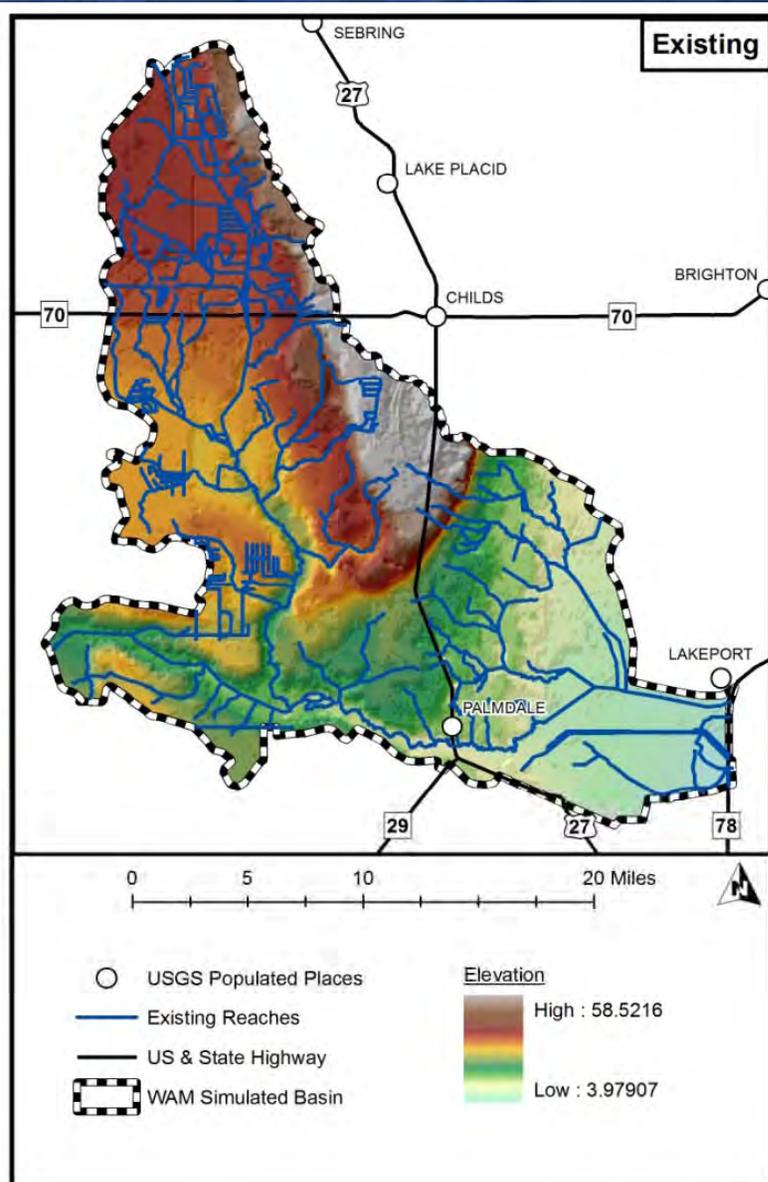
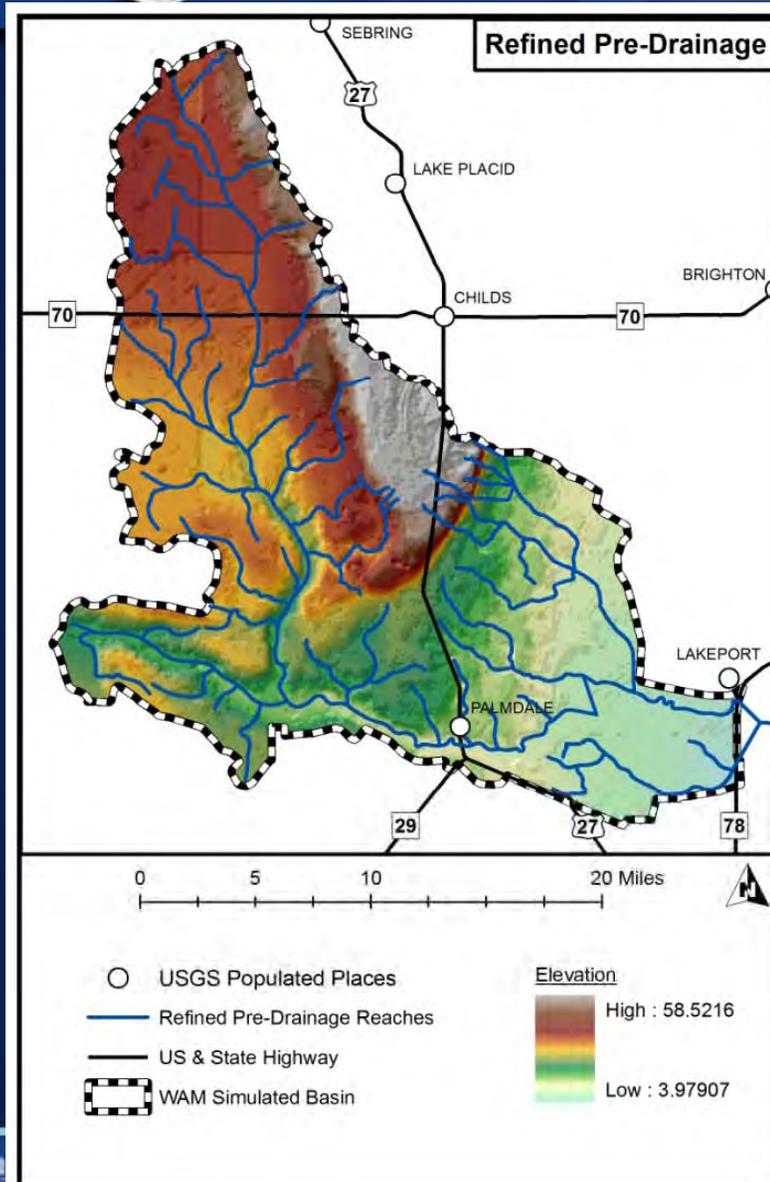
# Fisheating Creek Feasibility Study



- **Objective: Improve hydrology and water quality in the sub-watershed through storage and treatment features**



# Pre-drainage vs. Existing Hydrography





Questions?

