

South Florida Ecosystem Restoration Task Force

Strategic Goals and Objectives Update *Initial Recommendations to the Working Group*

Strategy Team

July 19, 2007



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Team Objectives

- Review and make initial recommendations for updating subgoals, objectives, and projects
- Maintain or improve quality
- Improve readability
- Paint the big picture
 - Graphics
 - Narratives
 - Objectives



Participants

- Joni Warner – SFWMD/ Team and Goal 1 leader
- John Outland – DEP/LATT/ Goal 2 leader
- Sheri Coven – DCA/Goal 3 leader
- Ken Ammon – SFWMD/Chair
- Ruth Clements - SFWMD
- Wayne Daltry – Lee County
- Craig Diamond – DCA
- Dan Kimball – NPS/Vice Chair
- Jan Mandrup-Poulsen – DEP
- Bonnie Ponwith – NOAA
- Patty Power – Seminole Tribe of Florida/Task Force
- Ray Scott – FDACS
- Jim Vearil – Corps/RECOVER
- Rebecca Weiss – Corps/RECOVER
- Ed Wright – USDA
- Marsha Bansee – OED
- Allyn Childress – OED
- Greg May – OED



Goal 1: Get the Water Right



Subgoal 1-A: Get the Hydrology Right

Objective 1-A.1:
*Provide 1.8 million
acre-feet of surface
water storage by 2036*

- **Tasks:**
 - Identify new projects as appropriate (i.e., Northern Everglades)



Subgoal 1-A: Get the Hydrology Right

Objective 1-A.2:
Develop aquifer storage and recovery systems capable of storing 1.5 billion gallons per day by 2030

- Consider modifying to “alternative water storage”
- Tasks:
 - Identify lead agency
 - Determine target
 - Clarify relationship with Goal 3



Subgoal 1-A: Get the Hydrology Right

Objective 1-A.3:
*Modify 345 miles of
impediments to flow by
2020*

- No recommended changes



Subgoal 1-B: Get the Water Quality Right

Objective 1-B.1:

*Construct 91,345 acres
of stormwater treatment
areas by 2035*

- No recommended changes



Subgoal 1-B: Get the Water Quality Right

Objective 1-B.2:
Prepare locally-based plans to reduce pollutants as determined necessary by the TMDLs by 2011

- Consider adding:
 - Best Management Plans
 - Basin Management Action Plans
- Tasks:
 - Determine target
 - Clarify relationship with Goal 3
 - Review narrative to ensure major components included



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Goal 2: Restore, Preserve, & Protect Natural Habitats & Species



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Subgoal 2-A: Restore, Preserve, & Protect Natural Habitats

Objective 2-A.1:

Complete acquisition of 5.8 million acres of land identified for habitat protection by 2015

- Consider modifying date to 2020
- Consider inclusion of USDA's Wetland Reserve Program
- Tasks:
 - Determine target
 - Clarify relationship with Goal 3



Subgoal 2-A: Restore, Preserve, & Protect Natural Habitats

Objective 2-A.2:

Protect 20% of the coral reefs by 2010

- Tasks:
 - Review scope and methods



Subgoal 2-A: Restore, Preserve, & Protect Natural Habitats

Objective 2-A.3:

Improve habitat quality for 2.4 million acres of natural areas in south Florida.

- Tasks:
 - Review methodology to track and assess progress



Subgoal 2-B: Control Invasive Exotic Plants

- Consider adding “...and Animals”
- Tasks:
 - Develop invasive/exotic animal objective (possibly replacing Obj. 2-B.3)
 - Develop narrative



Subgoal 2-B: Control Invasive Exotic Plants

Objective 2-B.1:
Coordinate the development of management plans for the top 20 south Florida invasive exotic plant species by 2011

- Consider changing to numeric targets for acres/miles treated
- Tasks:
 - Identify lead agency
 - Determine target
 - Update narrative to include management plans to date



Subgoal 2-B: Control Invasive Exotic Plants

Objective 2-B.2:
Achieve maintenance control of Brazilian pepper, melaleuca, Australian Pine, and Old World climbing fern on south Florida's public conservation lands by 2020

- No recommended changes



Subgoal 2-B: Control Invasive Exotic Plants

Objective 2-B.3:
Complete an invasive exotic plant species prevention, early detection, and eradication plan by 2007

- Consider replacing with an invasive exotic animal objective
- Tasks:
 - Identify lead agency
 - Determine target
 - Update narrative to include plans to date



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Goal 3: Foster Compatibility of the Built and Natural Systems



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Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- ***Objective 3-A.1:***
Designate or acquire an additional 480,000 acres as part of the Florida Greenways and Trails System by 2009
- Consider replacing with a new objective: “Determine the potential impact that the conversion of undeveloped lands, including agricultural lands, for development is having on South Florida Ecosystem Restoration project footprints and initiatives”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Objective 3-A.1:**
Designate or acquire an additional 480,000 acres as part of the Florida Greenways and Trails System by 2009
- Consider renumbering to 3-A.2 and revising to: “Increase by # acres the acquisition of lands needed for parks, recreation, and open space to complement South Florida Ecosystem Restoration through local, state, and federal programs”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Objective 3-A.2:**
Increase participation in the voluntary Farm Bill conservation programs by 230,000 acres by 2014
- Consider renumbering to 3-A.3 and revising to: “Increase participation in the Grassland Reserve Program, Farm and Ranchland Protection Program, and Environmental Quality Incentive Program to promote compatibility between agricultural production and South Florida Ecosystem Restoration”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Objective 3-A.3:**
Acquire an additional 2,500 acres of park, recreation, and open space lands by 2007
- Consider incorporating into the new 3-A.2 and replacing with a new 3-A.4: “Increase the number of local governments that adopt into their comprehensive plans, goals, objectives, policies, and related strategies - concepts compatible with South Florida Ecosystem Restoration”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Objective 3-A.4:**
Complete five brownfield rehabilitation and redevelopment projects by 2010
- Consider replacing with the new 3-A.4: “Increase the number of local governments that adopt into their comprehensive plans, goals, objectives, policies, and related strategies - concepts compatible with South Florida Ecosystem Restoration”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Objective 3-A.5:**
Increase community understanding of ecosystem restoration
- Consider revising to:
“Increase the use of educational programs and initiatives to further the general public’s and local governments’ understanding of the benefits of South Florida Ecosystem Restoration”



Subgoal 3-A: Use and Manage Land in a Manner Compatible with Ecosystem Restoration

- **Consider adding a new Objective 3-A.6:**
Should we address the need for comprehensive environmental assessments for development that is regional in scale or for multiple development proposals?
- *How do we ensure that South Florida Ecosystem Restoration, including the Northern Everglades and CERP components, are woven into the development approval process, especially when multiple projects are involved?*



Subgoal 3-B: Maintain or Improve Flood Protection in a Manner Compatible with Ecosystem Restoration

- **Objective 3-B.1:**
Maintain or improve existing levels of flood protection
- Consider revising to:
“Maintain or improve existing levels of flood protection for the urban, agricultural, and natural environments”



Subgoal 3-B: Maintain or Improve Flood Protection in a Manner Compatible with Ecosystem Restoration

- **Consider adding a new Objective 3-B.2:**
“Rehabilitate the Herbert Hoover Dike to provide adequate levels of flood protection to the communities and lands surrounding Lake Okeechobee”



Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems

- **Objective 3-C.1:**

Plan for regional water supply needs

- Consider revising to:
“Increase all sources of water availability at the rate necessary to support human and natural system needs”



Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems

- **Objective 3-C.2:**
Increase volumes of reuse on a regional basis
- No recommended changes



Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems

- ***Objective 3-C.3:***

Increase water made available through the SFWMD Alternative Water Supply Development Program

- Consider revising to:
“Increase water made available through the State’s Water Protection and Sustainability Program and the SFWMD’s Alternative Water Supply funding program”



Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems

- **Consider adding a new Objective 3-C.4:**
“Increase the amount of existing development that retrofits for water conservation using programs offered by the District and/or local utility”



Subgoal 3-C: Provide Sufficient Water Resources for Built and Natural Systems

- Consider adding a new Objective 3-C.5
- *Should water reclamation be addressed?*
- *Do reuse, alternative water supplies, retrofitting for water conservation, water reclamation, etc., fall under “all sources of water availability” as discussed in 3-C.1 or are they the mechanics for achieving 3-C.1? If the latter, should they be addressed in one combined objective?*



Next Steps

- Revise recommendations
- Review *Strategy* narratives
 - Technical perspective
 - Broad policy perspective
- Frame New/Modified Objectives
 - Lead agency
 - Numeric Target/Unit of Measurement
 - Baseline/MAP



Draft Schedule

- July 19-20 – Present, discuss, and revise the recommendations with the Working Group
- September 6 – Present the Working Group's draft recommendations to the WRAC
- September 19-20 – Present the Working Group's draft recommendations to the Task Force
- October 18-19 – Working Group refinement of the recommendations
- December 5-6 – Present the final recommendations for Task Force approval



South Florida Ecosystem Restoration Task Force

Additional Information:

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