

RECOVER: 5-Year Plan

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Science Coordination Group Meeting

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RECOVER 5-Year Plan



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Overview:

- RECOVER Responsibilities
- 5-Year Plan Purpose
- Progress to Date
- Six Components
- Coordination with the SCG
- Questions and Contacts



RECOVER



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- The science behind the Comprehensive Everglades Restoration Plan (CERP)
- Provides system-wide science perspective for planning and implementation of CERP projects
- Conducts system-wide monitoring and assessment
- Responsible for Adaptive Management Plans, Interim Goals and Targets, System Status Reports and the 5 year Report to Congress
- Governed by the RECOVER Leadership Group: 10 agencies and 2 Tribes



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RECOVER 5-Year Plan



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- Comprehensive and forward-thinking effort to look at restoration plans for the next 5-10 years and determine the science needs
- Respond to the 2014 CISRERP recommendation to develop a long term sustainable monitoring strategy
- Report to Congress – Status of interim goal indicators and expectations for the next five years.



5-Year Plan Progress



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- June 2015 – Support by USACE/SFWMD Program Managers
- July 2015 - Steering Committee Established
- November 2015 – Established six components of the plan
- January – February 2016 – Developed scopes for each component and sub teams
- March – May 2016 – Build out the plan and finalize by July in order to inform the FY17 work plan



5-Year Plan Components



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1. Integrate and Synthesize RECOVER's Science:
 - ▶ Update the 2005 conceptual ecological models and review the Monitoring and Assessment Plan (MAP)
 - ▶ Identify key areas of ecological vulnerability
 - ▶ Review the ecological indicators and performance measures and update the suite to best inform Adaptive Management.
 - ▶ Evaluate sufficiency of monitoring for the next ten years.



5-Year Plan Components



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2. Interim Goals

- ▶ Evaluate the Interim Goals as written in 2006 for ecological indicators and identify updates needed to the Interim Goals.
- ▶ Building from the 2015 Report to Congress interim goals assessment, identify the highest priority indicators and build the knowledge base and tools for reporting in 2020



5-Year Plan Components



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3. Interim Targets

- ▶ Relates to water supply and flood control in CERP with the built system
- ▶ Team will evaluate tools, determine reporting needs, and timeline expectations.



5-Year Plan Components



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4. Adaptive Management

- ▶ Using the Programmatic Adaptive Management Plan and other available information to assess areas of scientific uncertainty and ecological vulnerability.
- ▶ Develop demonstrations, pilot tests, research, monitoring or management actions in response to these vulnerabilities and uncertainties.



5-Year Plan Components



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5. RECOVER's Role in Project Implementation

- ▶ Identify how and when RECOVER should support project teams with information during project phases beyond Planning.
- ▶ Communicate the project implementation schedule and design features with RECOVER PI's to focus data gathering for best available feedback at the appropriate scale.



5-Year Plan Components



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6. Communication

- ▶ Develop a communication strategy and timeline.
- ▶ Identify science-based actions and products to communicate RECOVER to a variety of audiences.



Coordination with SCG



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- Cooperate to improve science integration and communication between CERP and the larger Everglades scientific community
- Identify opportunities for collaboration with other science efforts to improve long-term sustainability of South Florida Restoration Science



Questions



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- WG/SCG 5-Year Plan Steering Committee Members:
 - ▶ Barry Rosen, USGS, WG
 - ▶ Eric Hughes, USEPA, WG
 - ▶ Joan Browder, NOAA, SCG
 - ▶ Bob Progulske, USFWS, SCG
 - ▶ Dave Rudnick, EVER, SCG
- RECOVER PMs and Task Leads
 - ▶ Patti Gorman, SFWMD PM
 - ▶ April Patterson, USACE, PM
 - ▶ Kelly Keefe, USACE, Task Lead