

REstoration, COordination, VERification (RECOVER)

Monitoring & Assessment for the Comprehensive Everglades Restoration Plan

for South Florida Ecosystem Restoration Task Force, 15 November 2023









PRESENTATION OUTLINE

- RECOVER Refresher
- Monitoring & Assessment Plan for CERP
- Monitoring Topic Workshop Overview and Outcomes
- Monitoring looking ahead



WHO IS RECOVER?

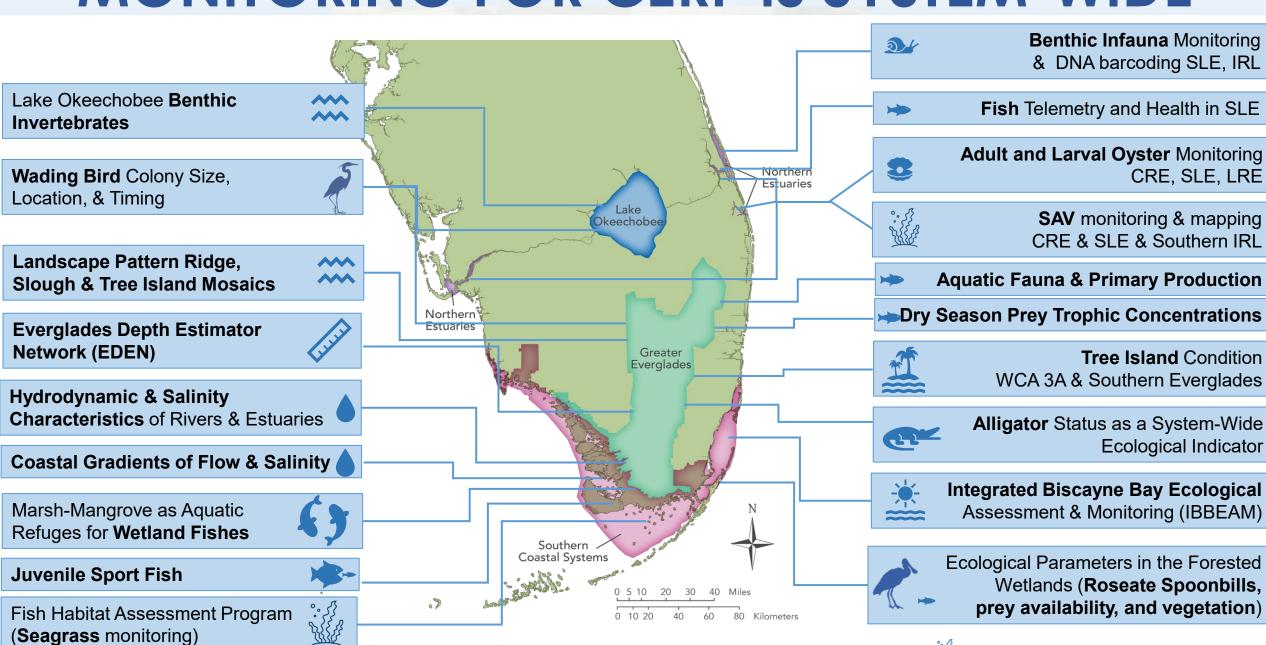
- CERP Programmatic and system-wide perspective
- Collaborative and consensus-based
- Ensures CERP implementation is guided by the best available science
- Three Major Components
 - Assessment measuring system-wide performance of projects through research and monitoring
 - Evaluation forecasting project performance through predictive modeling and performance measures
 - Planning integrating RECOVER with planning and operation of the system







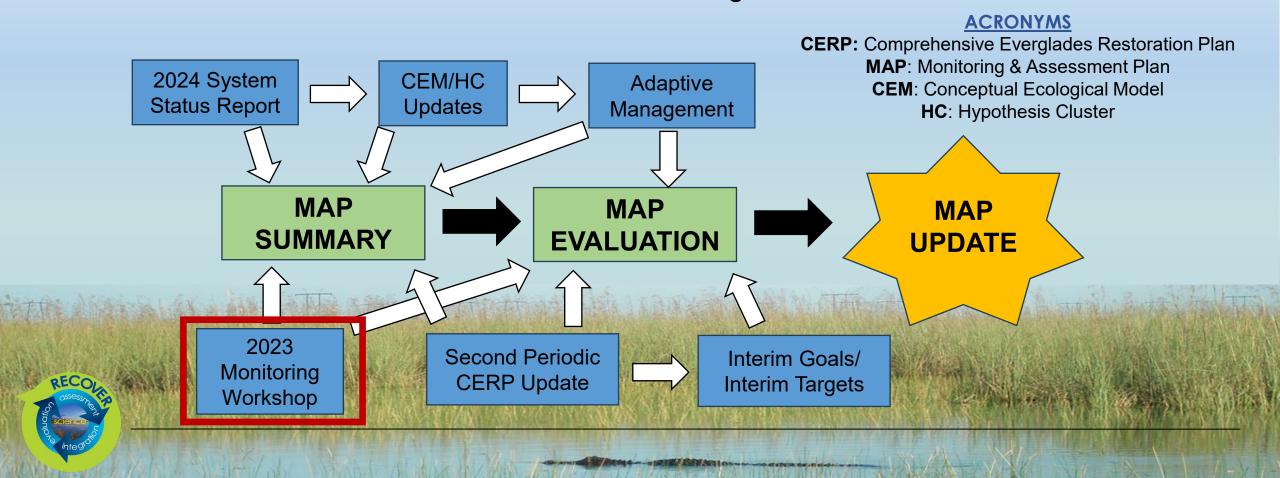
MONITORING FOR CERP IS SYSTEM-WIDE



RECOVER MONITORING & ASSESSMENT PLAN

Scope

- RECOVER Monitoring and Assessment Plan (2001, 2004, 2006)
- 2009-2011: Monitoring & Assessment Plan 2009
- CURRENT 2012-2023: Revised MAP '09 due to budget constraints



MONITORING WORKSHOP JULY 19-20, 2023

Purpose

 Identify current monitoring efforts, and future science and monitoring needs across South Florida (including CERP and non-CERP related science)

Workshop Goals

- Inventory current monitoring in South Florida Ecosystem Restoration Program
- Link science/monitoring to CERP purpose, goals, and objectives





Breakout groups (in-person)



THANK YOU!

RECOVER thanks OERI & the SCG for hosting the workshop, providing data/information, and for the overall success of the workshop



MONITORING WORKSHOP JULY 19-20, 2023

Science Coordination Group Member Survey

- <u>590</u> individual monitoring entries! (CERP + non-CERP)
- Responses from 21 State/Federal Agencies & Universities

Workshop Statistics

- Day 1: 64 in-person attendees + 42 virtual attendees
- Day 2: 35 in-person attendees + 49 virtual attendees
- Representing: 9 State/Federal Agencies, 4 Universities,
 2 NGOs, 1 County Government
- 64% of monitoring identified as "high relevance" to CERP

RECOVER TOPIC WORKSHOP SYNTHESIS REPORT 2023 LEVERAGING RECOVER MONITORING: EXISTING MONITORING NETWORKS, COORDINATION, AND COLLABORATION 15 November 2023

Workshop Products Now Available!

- Synthesis Report
- Inventory of system-wide monitoring overlaps
- Inventory of system-wide monitoring gaps



MONITORING PLAN UPDATES

RECOVER Monitoring for CERP: Expenditures

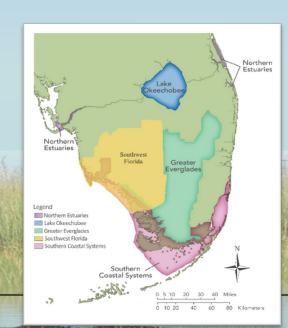
- 2007-2011: average \$10.5M, ranging \$9-11M
- 2012-2017: average \$5.4M, ranging \$4-7M
- 2018-2023: average \$5.5M, ranging \$5-7M

Estimated Future Budget Needs: \$10M/year

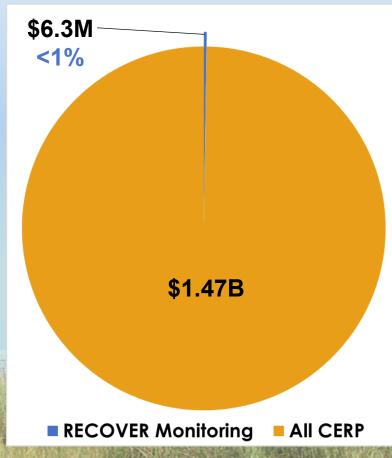
- Address monitoring gaps
- Programmatic Adaptive Management uncertainties
- New Southwest Florida Module needs

GOOD NEWS!

- FY24 funds from FDEP to SFWMD
- RECOVER is reviewing high priority needs
- More info to come!



RECOVER Monitoring Expenditures & full CERP budget in FY23





LOOKING AHEAD: COORDINATION SUPPORT

Continuation from the Workshop

- Monitoring Workshop Products have been shared
- Leveraging CERP and non-CERP data across the greater Everglades Restoration Program
- Opportunity for SFERTF engagement in assessment of CERP – we'll need your help
 - Sharing information/data
 - Filling monitoring gaps
 - Staff support and coordination



RECOVER Program Managers

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