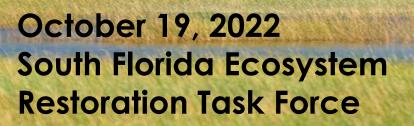
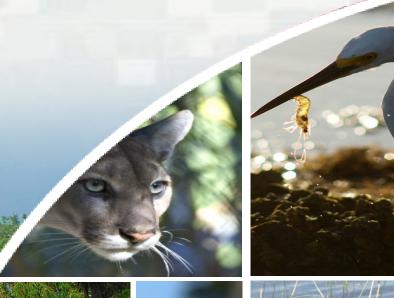


REstoration, COordination, VERification (RECOVER)











PRESENTATION OUTLINE:

- Who are RECOVER?
- What are the functions and roles of RECOVER?
- How is RECOVER organized?
- What is Adaptive Assessment & Monitoring (AA&M)?
- How does RECOVER Support CERP?
- What will RECOVER accomplish in Fiscal Year 2023?
- What resources do RECOVER and AA&M need?
- How can the Task Force assist to meet identified needs?























WHO ARE RECOVER?

- Multi-agency team of scientists, modelers, planners, and resource specialists
- Conducts scientific and technical evaluations
- Applies a system-wide perspective to the planning and implementation of CERP
- Communicates and coordinates science to ensure that CERP goals and purposes are achieved

























WHAT ARE THE FUNCTIONS AND ROLES OF RECOVER?





- Ensures CERP implementation is guided by the best available science
- Three Major Missions:
 - Assessment: measuring 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



HOW IS RECOVER ORGANIZED?



WHAT IS ADAPTIVE ASSESSMENT AND MONITORING (AA&M)?

- Authorized in Water Resources Development Act of 2000
- CERP Programmatic Regulations instruct that RECOVER:
 - Develop an adaptive assessment program to assess system responses to CERP implementation
 - 2) Design and implement a monitoring program to measure status and trends towards achieving CERP goals and purposes
 - 3) Use monitoring information as a basis for conducting assessment tasks

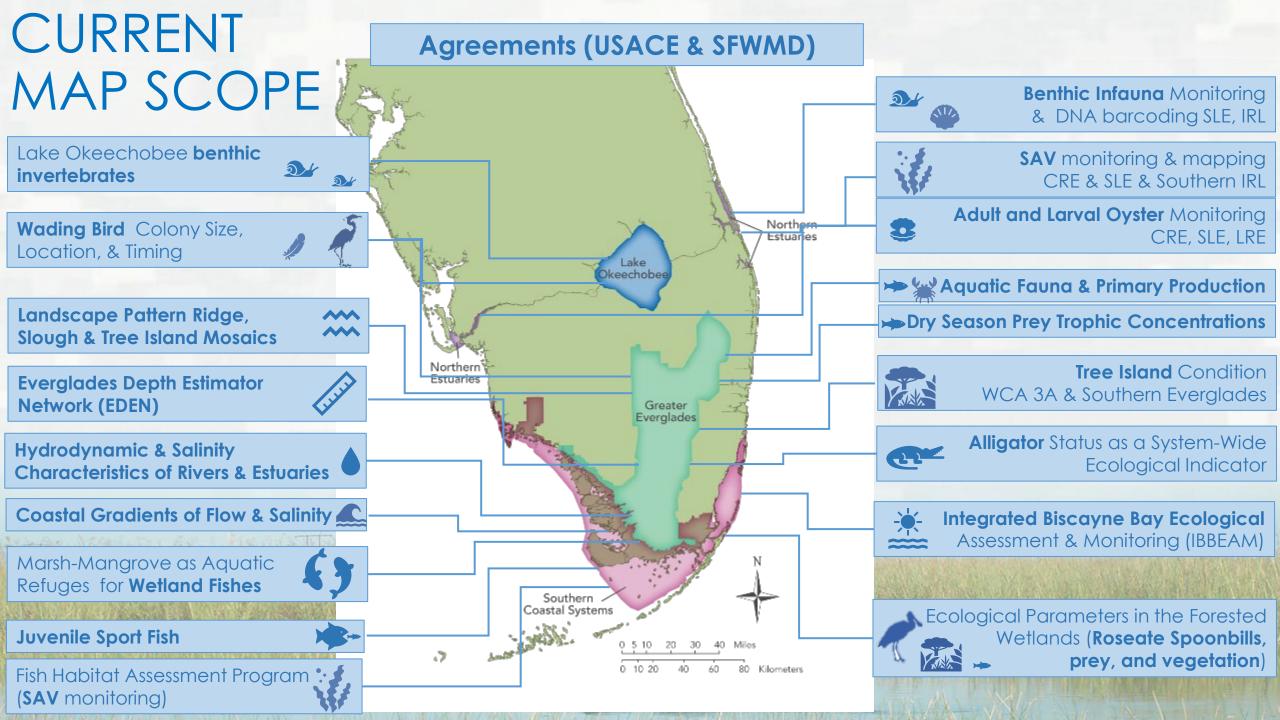
RECOVER DEVELOPED THE MONITORING AND ASSESSMENT PLAN (MAP) TO ADDRESS THE PRIMARY AAM TASKS











MAP PRODUCTS SUPPORT:

CERP Programmatic Support

- Predictive Evaluation Tools (RECOVER Performance Measures, Habitat Suitability Index Models, USGS Joint Ecological Modeling)
 - Interim Goals and Interim Targets (IG/IT)
- Evaluation and Assessment Reports (IG/IT, Periodic CERP Update, System Status Report, Report to Congress)



Project-Specific Support

- Inform Project Justification during Planning Phase
 - -Regulatory Support
- Leverage & Supplement Project-Level Monitoring
 - Adaptive Management Guidance
- RECOVER Recommendations to Improve Project Performance Measures,
 - Evaluate Alternatives, Monitoring & Adaptive Management Plans
- -RECOVER support during Design & Implementation (Project Operations, Monitoring and Adaptive Management)

South FL Ecosystem Restoration Support (CERP & non CERP)

- SFWMD annual South Florida Environmental Report
South Florida Ecosystem Task Force (System-wide Stoplight Indicator Report &
Biennial Report)

- South Florida Wading Bird Report
- Inform Water Control Plan Development
- Inform Weekly Water Management Decisions

WHAT WILL RECOVER ACCOMPLISH IN FISCAL YEAR 2023?

Systemwide Evaluation & Assessment

- CERP Update
- 2024 Report
- MAP Synthesis

Systemwide Review & Integration

- Conceptual Ecological Model
- Performance Measure & Tool Development/Revisions

Adaptive Management

Identify & Prioritize Uncertainties

Support to Projects

Refer to Slide 10

Science Communication

- CommunicationStrategy
- WG/SCG Coordination
- CISRERP Coordination
- Topic Workshop (Monitoring)
- Conferences

Base Operations

FY23 Synopsis

RECOVER SUPPORT TO PROJECTS: FISCAL YEAR 23

- PSRP
- IRL-S
- C-43
- BCWPA
- BBCW
- C-111 SC
- CEPP-S
- CEPP-N
- CEPP-NW
- LRWRP
- LOWRP

- WERP
- **BBSEER**
- SOM Volume 3: LO/EAA (C-43 Reservoir POM)
- SOM Volume 4: WCAs-ENP-SDCS-CEPP and EAA Reservoir (TTNS, Phase 2/CEPP-S)
- SOM Volume 5: East Coast Canals





WHAT RESOURCES DOES RECOVER NEED?

People to Lead and Support RECOVER Teams

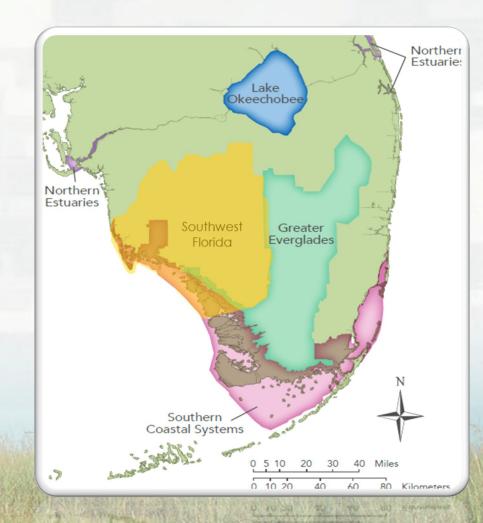
- Team Leads
 - Adaptive Management
 - Regional Coordinators
 - Northern Estuaries
 - Southern Coastal Systems

Team Members

- Southwest Florida Module
- Adaptive Management
- Water Supply & Flood Control

All Teams

 Active participation in development of RECOVER products





WHAT RESOURCES DOES AA&M NEED?

 Coordination/leveraging of agency monitoring data to bridge the gap between current MAP and 2009 MAP

 Continuation or reestablishment of agency monitoring identified as critical in the 2009 MAP CERP MONITORING AND ASSESSMENT PLAN



Restoration Coordination and VERification (RECOVER)



Comprehensive Everglades Restoration Plan

Central and Southern Florida Project

Revised

December 2009



HOW CAN THE TASK FORCE ASSIST TO MEET IDENTIFIED NEEDS?

Direct the Science Coordination Group to:

- ✓ Assign members within their agencies to assist with RECOVER teams and products
- ✓ Provide RECOVER with an inventory of agency monitoring
- ✓ Host a RECOVER Topic Workshop on Monitoring (Summer 2023)

It is critical that all agencies dedicate resources in areas most relevant to their missions and contribution to system-wide restoration.









