



SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE



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Working Group/Science Coordination Group CISRERP IX Update

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EVERGLADESRESTORATION.GOV

Committee on Independent Scientific Review of Everglades Restoration Progress (CISRERP)

- Their Biennial Reports provide: (1) Assessment of progress in restoring the natural system, (2) Evaluation of specific scientific and engineering issues that may impact progress in achieving natural system restoration goals, and (3) review of monitoring and assessment protocols to be used for evaluation of CERP progress.
- The 9th Biennial Reporting cycle covered evaluations of: Funding Developments and Prioritizing Investments, Stormwater Treatment Area performance, Climate Change Integration in CERP/BBSEER, RECOVER/MAP support for Decision Making, Natural System Restoration Progress, and our Science Enterprise related to modeling, strategic thinking, and interagency coordination.
- CISRERP is continuing its focus on Science Support for CERP as we transition from planning, to implementation, and operational testing.



Committee on Independent Scientific Review of Everglades Restoration Progress (CISRERP IX)

Meeting 1 August 13, 2021 (Background and Path Forward)

- Prerecorded - Overview Everglades hydrologic/ecological changes and current conditions (DOI/SFWMD),
- Prerecorded - CERP 101 goals/objectives, system-wide components, benefits and constraints (USACE, SFWMD),
- Prerecorded - RECOVER Five-Year Plan and the Monitoring and Assessment Plan status (USACE),
- Prerecorded - Highlights of ongoing planning initiatives in 2021-2022 (Biscayne Bay Southeast Everglades Ecosystem Restoration (SFWMD), Lake Okeechobee System Operating Manual (USACE), Western Everglades Restoration Program (SFWMD), Periodic CERP Update (USACE),
- Perspectives on key CERP challenges (Tribal/Stakeholder representatives),
- Sponsor Feedback on the latest CISRERP VIII report, and recommendations on new issues for CISRERP IX (DOI, USACE, SFWMD, FWS, NPS, FDEP, FWC, USGS).

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Meeting 2 October 7, 19, and November 5, 2021 (Three Short Meetings)

- Legal/regulatory context for Stormwater Treatment Areas (STAs) in the context of CERP (USEPA, USACE),
- STA performance overview, EAA Reservoir/A-2 STA status (SFWMD, USACE), panel on STA science advances and needs (SFWMD, FDEP, Independent Contractors),
- Biscayne Bay Southeastern Everglades Ecosystem Restoration (BBSEER) Project Overview, Climate Change in CERP planning, water supply sources, WQ targets, and objectives (USACE, SFWMD, FDEP),
- Status of the Planned Programmatic CERP Update (USACE),
- LOSOM Overview, Modeling Results, and Operational Refinements (USACE, SFWMD, NPS),
- Aquifer Storage & Recovery in CERP, Lake Okeechobee Watershed Restoration Project, ASR Science Plan (SFWMD).

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Meeting 3 Dec. 1 2021 and Jan. 11, 2022 (Two Short Meetings)

- BBSEER Project Overview, Benefits Analysis, Climate Preparedness and Resilience, Changing Geomorphology/Ground Elevations/Marsh Water Depths (USACE, SFWMD, FIU),
- RECOVER Five-Year Plan: Science Integration, Refining Interim Goals/Targets, Adaptive Management, and RECOVER's Role in CERP Implementation and Communication (USACE, SFWMD, FWS),
- Science Coordination Group: Role in Science Support, and Policy Discussions on Science needed for Decision Making (USACE, SFWMD, NPS, USGS, FL Sci. Officer),

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Meeting 4 February 24, 2022

- Recent CERP Funding Developments (Infrastructure Investment & Jobs Act, and Expanded FY23 Federal and State Funding (USACE),
- Natural System Restoration Progress: Combined Operational Plan, Picayune Strand, and Biscayne Bay Coastal Wetlands Phase 1 (USACE, SFWMD, NPS),
- Cross-cut Discussions on CERP implementation and operational testing transitioning (USACE, SFWMD, NPS).

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Meeting 5 March 24-25 (All-Day Field Trips)

- Tour of BBSEER Region: Model Lands, L-31E Levee, Biscayne Bay Nearshore areas (SFWMD, USACE, NPS),
- Tour of the Everglades Agricultural Area, and Stormwater Treatment Areas (SFWMD, FDEP).

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Meeting 6 April 11 and May 4, 2022 (Two Short Meetings)

- Natural System Restoration Progress: Canal-111 Western Spreader Canal Project (SFWMD, NPS),
- Science Enterprise: Interagency Modeling Center function, processes, strategic planning (USACE, SFWMD, FWS, NPS, FDEP),
- Reflections from Science Leadership and Senior Policy Leaders: Interagency strategic planning and prioritizing investments (USACE, SFWMD, DOI).

CISRERP IX Report Timeline

The CISRERP IX Draft Biennial Report is expected to go out for external peer review at the end of August, 2022. The revised report will be delivered to the sponsoring agencies for review/fact checking in late November 2022.

To view all of the CISRERP IX presentations and Zoom meeting recordings go to:

<https://www.nationalacademies.org/our-work/independent-scientific-review-of-everglades-restoration-progress-ix#sectionPastEvents>

QUESTIONS?