Challenges and Lessons Learned

Everglades
Louisiana Coastal Area
Great Lakes Restoration

NCER 2011
Everglades Program
The principal goal of CERP is to deliver the right amount of water, of the right quality, to the right places, and at the right time.
CERP Components

Surface Water Storage Reservoirs – 180,000 acres

Aquifer Storage & Recovery – 330 wells

Stormwater Treatment Areas (STAs) – 36,000 acres

Reuse Wastewater – 2 Regional plants

Seepage Management

Removing Barriers to Sheetflow – 240 miles

Operational Changes - Rainfall Based Deliveries
Louisiana Coastal Area (LCA) Near-Term Plan

Location of 15 Named Projects

Critical restoration features:
1. Mississippi River Gulf Outlet Canal (MRGO) environmental restoration
2. Small Diversion at Hope Canal
3. Barataria Basin Barrier Shoreline Restoration
4. Small Bayou Lafourche reintroduction
5. Medium diversion at Myrtle Grove with dedicated dredging
6. Multipurpose operation of the Houma Navigation Lock
7. Terrebonne Basin Barrier Shoreline Restoration
8. Convey Atchafalaya River water to northern Terrebonne marshes
9. Small Diversion at Convent/Blind River
10. Atchafalaya River Diversion Canal Modification
11. Medium Diversion at White Ditch
12. Gulf Shoreline at Point Au Fer Island
13. Land bridge between Calcasieu Lake and the Gulf of Mexico
14. Modification to the Caernarvon diversion
15. Modification to Davis Pond diversion
Louisiana Coastal Area (LCA)

- **Cost Share Partners:**
  US Army Corps of Engineers and Louisiana Coastal Protection and Restoration Authority

- **Total Estimated Cost:**
  WDRA 07 authorization of $1.99 billion

- **Start Date:**
  First cost share agreement was signed November 2008 for the conduct of a feasibility study for 6 near-term restoration projects

- **Ultimate Goal of LCA Projects:**
  Provide near-term restoration of coastal Louisiana through the construction of 15 critical projects that include freshwater and sediment diversions from the Mississippi River, restoration of barrier islands, and marsh creation.
Great Lakes Restoration Initiative (GLRI)

- 5-Year Administration Restoration Initiative
- 8 States
- 16 Federal agencies
- 5 Focus Areas

Toxic Substances & Areas of Concern
Habitat & Wildlife
Invasive Species
Nearshore Health & Nonpoint Source Pollution

Accountability, Monitoring, Education & Partnerships
Great Lakes Restoration Effort

- 5-year initiative of the Administration
- Already provided $765 million for projects
- Through 16 Federal agencies and grants to the eight Great Lakes states and other non-Federal stakeholders.
- Five regional priorities of the Great Lakes governors and mayors
- Led by the USEPA. USACE is one of the Federal agencies participating in this Initiative.
Panel Members

- **Everglades**
  - **Larry Gerry**  SFWMD, Office of Everglades Policy and Coordination, Chief Scientist
  - **Kim Taplin**  USACE Jacksonville, SFWMD Liaison Officer

- **LCA**
  - **Bren Haase**  LA OCPR, Planning Manager
  - **Mark Wingate**  USACE New Orleans, Chief Projects and Restoration Branch

- **Great Lakes Program**
  - **Jeff Skelding**  NGO Community, Director, Healing Our Waters – Great Lakes Coalition
  - **Jan Miller**  USACE Great Lakes and Ohio River Division, Program Manager
Panel Discussion Topics

- People/Relationships
- Process
- Execution/Funding
- What Worked Well, What Didn't, And What Would You Do Differently
Join us at the Plenary Social – 5 PM
The Future of NCER
Happy Hour Refreshments Provided😊