

- Protect bay/lake shorelines - restore Isle Dernieres and Timbalier Islands
- Special concerns - optimize GIWW flows into marshes/minimize flow to bays, maintain bays as brackish, reduce sedimentation in bays, create artificial reef near Point Chevreuil

Region 4

- Restore/sustain wetlands - reduce inflow and evacuate excess water from the Lakes subbasin, improve drainage across LA Hwy 82, constrict Mermentau R. Channel to authorized dimension, maintain Atch. R. water and sediment inflow through GIWW
- Salinity control in Calcasieu/Sabine Basin - add lock at Calcasieu Ship Channel, maintain Sabine R. flow
- Protect bay/lake shorelines - maintain Atch. sediment stream, restore long-shore sediment flow across Calcasieu Pass and Mermentau Ship Channel, prevent the coalescence of Grand/White Lakes, and Grand Lake/GIWW

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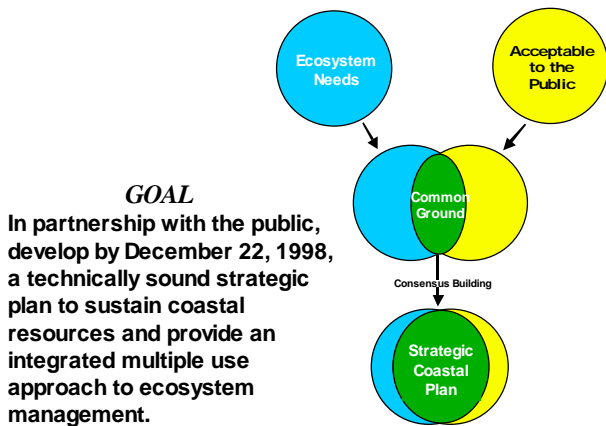


Coast 2050- The Need For Action



Revised 2/22/99

Coast 2050 was jointly initiated as a collective effort among the Coastal Wetlands Planning, Protection, and Restoration Act (Breux Act) Task Force, the Louisiana Wetland Conservation and Restoration Authority (State Wetlands Authority), and the Department of Natural Resources Coastal Zone Management Authority. These agencies have been working closely together and with parish and local governments to achieve our goal.



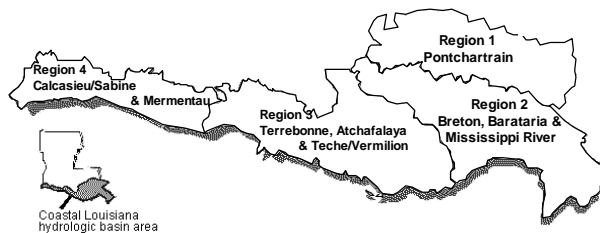
Public involvement in the Coast 2050 Plan has been stressed throughout the development process. Meetings in which the public was invited to participate include the following:

- 4 regional kickoff meetings in July and August 1997
- 44 regional planning team meetings between September 1997 and May 1998
- 11 town meetings to present strategies to the public in June and July 1998
- 4 regional meetings for review and approval of strategies in

September 1998

- 2 joint meetings of the SWG/ CZMWG in May and July 1998

Coast 2050 A Regional Approach for Strategic Planning



Regional strategies are those designed to affect more than one mapping unit within the watershed basin. These are large-scale, complex plans involving considerable engineering, planning and monitoring efforts. The following regional strategies have been identified in the Coast 2050 Plan:

Region 1

- Restore swamps - small diversions at Blind R. and Reserve Relief Canal, restore natural drainage patterns
- Restore/sustain marshes - small diversions through the Bonnet Carre' Spillway, La Branche Wetlands and a larger one near Violet
- Protect bay/lake shorelines - protect shorelines along L. Pontch., L. Borgne and the Biloxi Marshes
- Restore/maintain barrier shorelines - maintain Chandeleur Islands
- Maintain critical landforms - marsh creation and shoreline protection for East

Orleans Land Bridge

- Special problems - resolve MRGO problems

Region 2

- Restore swamps - small diversions, restore natural drainage patterns, reduce pooling of diversion water in upper basin
- Restore/sustain marshes - use existing locks for Miss. R. diversions, enrich diversions with sediment, delta building diversions at Myrtle Grove, Naomi, Bastion Bay, Benny's Bay, American Bay and Quarantine Bay, relocate Miss. R. navigation channel, construct large conveyance channel parallel to Bayou Lafourche
- Protect bay/lake shorelines - construct wave breaks/reef zones at heads of and across bays
- Restore/maintain barrier islands and shorelines - restore Fourchon headland, restore barrier shoreline from Sandy Point to Southwest Pass
- Maintain critical landforms - preserve shorelines of land bridges, pursue Bayou Lafourche siphon/pump project

Region 3

- Restore Swamps - improve hydrology in Verret subbasin
- Restore/sustain marshes - maximize land building in Atch. Bay, lower water levels in Penchant marshes, increase Atch. R. influence in Terrebonne marshes, construct large conveyance channel parallel to Bayou Lafourche