

## Update on Southwest Louisiana Projects



## Presentation Overview

- Programs/Funding Sources
  - CWPPRA
  - CIAP
  - State Surplus
  - WRDA
- Project Status
  - Recently completed
  - Construction phase
  - Design phase
  - Feasibility Study – Southwest Louisiana
  - Parish implemented CIAP projects

## Implemented Projects

PTS Project Name	Program	Project Cost	Parish	Acres Benefited
Constructed Since 2005				
Black Bayou Culverts Hydrologic Restoration	CWPPRA	\$ 1,209,303	Cameron	540
Rockefeller Hurricane Debris Marsh Creation	ST	\$ 1,480,216	Cameron	4
Shoreline Protection Foundation Improvements Demonstration	CWPPRA	\$ 731,175	Vermilion	*
South White Lake Shoreline Protection	CWPPRA	\$ 14,598,413	Vermilion	844
Freshwater Introduction South of Highway 82	CWPPRA	\$ 3,153,149	Vermilion	296
Cheniére au Tigre	ST	\$ 921,672	Vermilion	40
<b>Totals</b>		<b>\$ 22,093,928</b>		<b>1,724</b>

\*Benefit Acres not calculated for Demo Projects

## Implemented Projects

PTS Project Name	Program	Project Cost	Parish	Acres Benefited
Under Construction				
East Sabine Lake Hydrologic Restoration CU1	CWPPRA	\$ 2,550,780	Cameron	225
Rockefeller Shoreline Protection Demo	CIAP	\$ 8,500,000	Cameron	*
Grand Lake Shoreline Protection	CIAP	\$ 10,600,000	Cameron	540
<b>Totals</b>		<b>\$ 21,650,780</b>		<b>765</b>
Approved for Construction, waiting for grant approval				
Grand Lake Shoreline Protection	CWPPRA	\$ 8,635,274	Cameron	540
<b>Totals</b>		<b>\$ 8,635,274</b>		<b>540</b>
Engineering and design completed, construction funds not yet awarded				
Freshwater Bayou Bank Stabilization - Belle Isle Canal to Lock	CWPPRA	\$ 25,170,000	Vermilion	241
<b>Totals</b>		<b>\$ 25,170,000</b>		<b>241</b>

\*Benefit Acres not calculated for Demo Projects

## Projects in Design Phase

Project	Funding Program	Total Project Cost	Parish
Beneficial Use - Calcasieu Ship Channel	SURPLUS 07 / CIAP	\$10,000,000	Cameron
Sabine Refuge, Cycle 2	CWPPRA	\$5,000,000	Cameron
Little Pecan Bayou Hydrologic Restoration	CWPPRA	\$15,593,669	Cameron
Bioengineered Oyster Reef Demonstration	CWPPRA	\$1,981,822	Cameron
South Pecan Island Freshwater Introduction	CWPPRA	\$3,586,755	Vermillion
South Grand Chenier Hydrologic Restoration Project	CWPPRA	\$20,008,268	Cameron
Cameron Parish Shoreline	SURPLUS 07/08	\$45,800,000	Cameron
Marsh Creation Near Freshwater Bayou	SURPLUS 07	\$4,000,000	Vermillion
<b>Total</b>			
<b>\$105,970,505</b>			

## Parish Lead CIAP Projects

Project	Total Project Cost	Parish
Black Lake Ecosystem Restoration	\$1,339,805	Calcasieu
Horseshoe Lake Marsh Restoration**	\$2,000,000	Calcasieu
Rabbit Island/West Cove Beneficial Use Marsh Creation	\$1,500,000	Calcasieu
Shoreline Protection at Intracoastal Park	\$1,000,000	Calcasieu
South GIWW Restoration	\$1,000,001	Calcasieu
Bank Stabilization: Dugas Cut to Kelso Bayou	\$2,000,000	Cameron
Dreary Island Restoration	\$220,000	Cameron
Little Florida to Martin Beach Coastal Erosion Bank Stabilization	\$2,600,000	Cameron
Mermentau Ship Channel Sediment By-Pass***	\$1,387,688	Cameron
Rabbit Island	\$500,000	Cameron
Reclamation of Sand Mines on Cameron Parish Cheniers	\$770,000	Cameron
South Johnson Bayou Restoration	\$120,000	Cameron
South Little Pecan Bayou Restoration	\$1,000,000	Cameron
Troclair Road Repairs	\$2,958,600	Cameron
West Big Burn Bridge Restoration	\$600,000	Cameron
	\$18,996,094	

\*\* OCPR is designing project for parish  
 \*\*\*OCPR is partnering on this project through the Barrier Island Maintenance Program

## Parish Lead CIAP Projects

Project	Total Project Cost	Parish
NE White Lake Shoreline Protection and Marsh Creation	\$100,000	Vermillion
Bird Island	\$132,218	Vermillion
Chenier au Tigre Cement Bag Extension	\$200,000	Vermillion
Four Mile Canal Hydrologic Restoration	\$405,746	Vermillion
Henry Hub Access Improvements - Charlie Field Road Bridge Replacement	\$375,000	Vermillion
Henry Hub Access Improvements - Charlie Field Road Improvements	\$629,270	Vermillion
Henry Hub Access Improvements - Highway 331 Realignment	\$275,000	Vermillion
Hydrologic Restoration at Little Bayou Chene	\$500,000	Vermillion
Intracoastal City Street Improvements	\$596,200	Vermillion
Oyster Reef Parallel to Cheniere au Tigre	\$1,438,984	Vermillion
Prien Point Reef Extension	\$100,000	Vermillion
Shoreline Protection and Marsh Creation at Tiger Point	\$300,000	Vermillion
Shoreline Protection on Southwest Point at Southwest Pass	\$117,782	Vermillion
Vermillion Parish C2M Planning and Development	\$100,000	Vermillion
<b>\$5,270,200</b>		

## Southwest Coastal Louisiana Feasibility Study

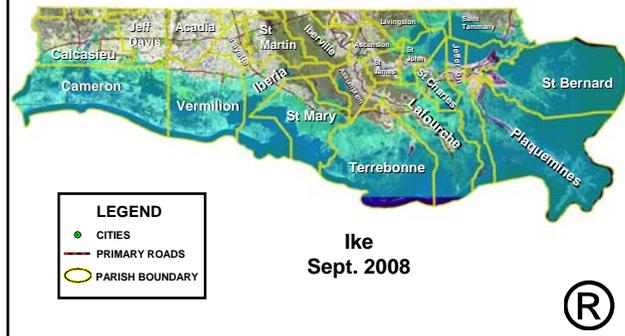
### Background

- Authorized under several authorities, including WRDA 2007
- Includes Calcasieu, Cameron, and Vermillion Parishes
- Will utilize hydrology and other data developed for LACPR
- Integrates flood control alternatives with coastal restoration measures to provide for sustainable human and natural communities
- Feasibility report will include Environmental Impact Statement, Fish and Wildlife Coordination Act Report, engineering appendix, and baseline cost estimate.
- Corps of Engineers and CPRA are cost-sharing partners

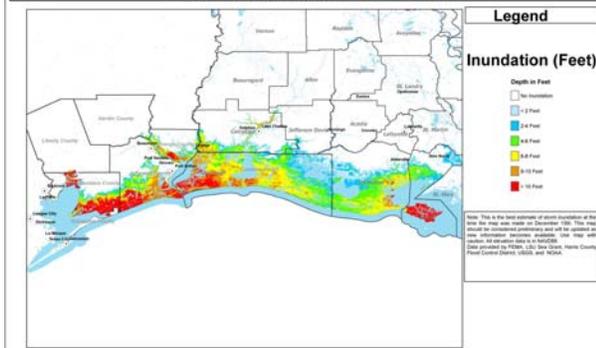
## Southwest Coastal Louisiana Feasibility Study Status

- Completed Project Management Plan (PMP); includes two-phase feasibility study with Phase 1 to be completed in 6 months
- Phase 1 cost about \$1.9 million
- Corps-proposed Feasibility Study Cost Share Agreement now undergoing State review

## The Louisiana Coast A Vulnerable Area for Storm Surge



## Hurricane Ike Inundation Estimate



September 7, 2008  
6 days before Ike makes landfall



September 17, 2008  
4 days after Ike makes landfall

