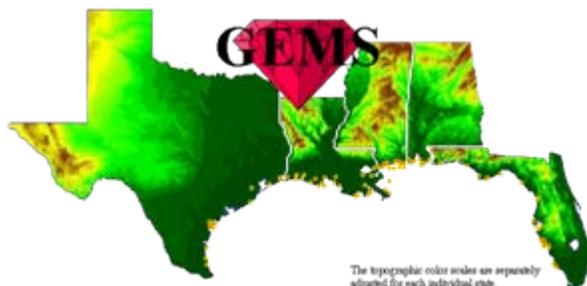


**CRP:** The Gulf of Mexico **Community-Based Restoration Partnership** is a multi-year grant program established between the NOAA and the GEMS Program and administered by the Gulf of Mexico Foundation.

**GEMS:** **Gulf Ecological Management Sites** are areas of special ecological significance across the Gulf of Mexico that, since 1991, have been given special consideration by each state for protection, restoration and conservation.

**The GEMS Program** is a voluntary collaboration between the Gulf States, the Gulf of Mexico Foundation, the Gulf of Mexico Program, the Department of Interior, nonprofit organizations, and academic institutions.

**PURPOSE:** On-the-ground habitat restoration benefiting living marine resources that fosters local stewardship.

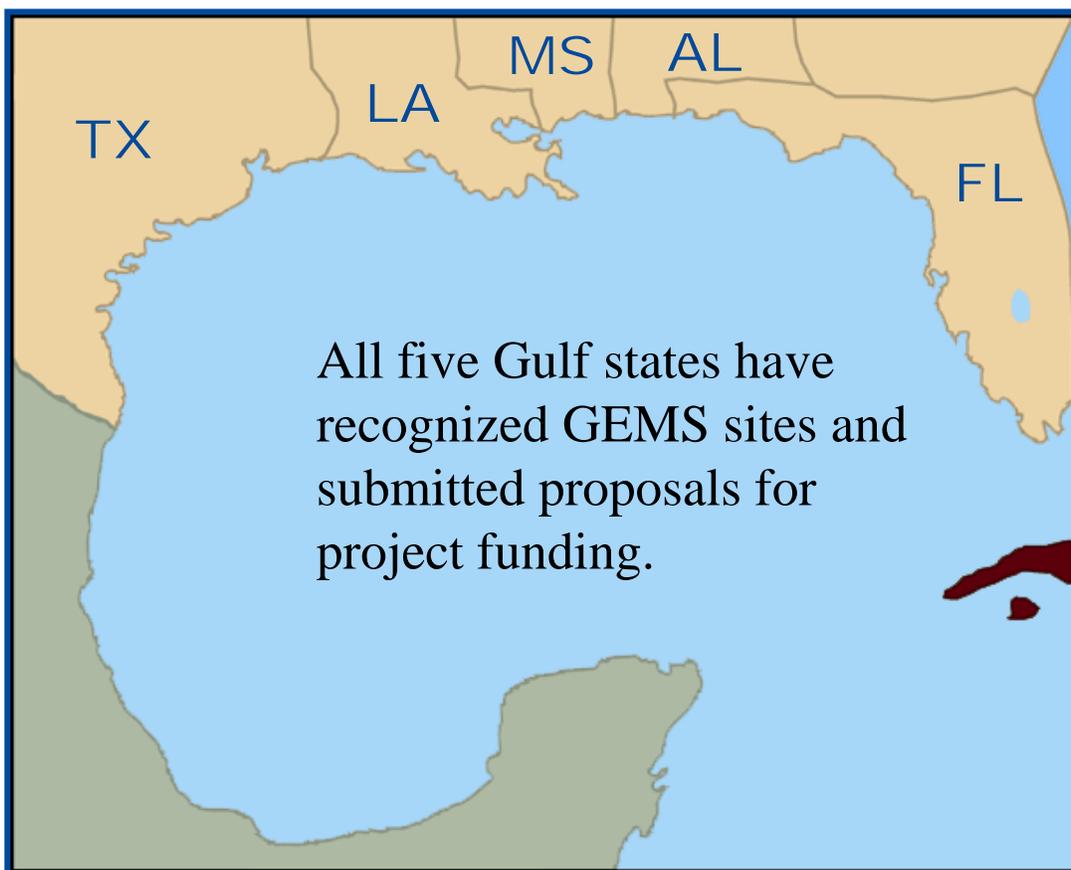




# CRP Steering Committee Year II

<p><b>GEMS MANAGERS</b></p> <p><b>Jeff Jordan</b> <b>Larry Nall</b> <b>Greg DuCote</b> <b>Kay Jenkins</b> <b>Rhonda Price</b></p> <p><b>FEDERAL</b></p> <p><b>John Iliff</b> <b>Brena Jones</b> <b>Columbus Brown</b> <b>Debbie Sparks</b> <b>Drew Puffer</b> <b>Diane Altsman</b></p> <p><b>PROGRAM MANAGEMENT</b></p> <p><b>Quenton Dokken</b> <b>Carrie Robertson</b> <b>Lore O'Hanlon</b></p>	<p>AL DCNR FL DEP LA DNR TX PWD MS DMR</p> <p>NOAA - NMFS (FL) NOAA - NMFS (TX) USFWS USFWS (TX Coastal Program) Gulf Of Mexico Program Gulf Of Mexico Program</p> <p>Gulf of Mexico Foundation Gulf of Mexico Foundation O'Hanlon Environmental Consulting</p>	
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## Who is involved?



# CRP Project Criteria

## **Projects must:**

- Result in on-the-ground habitat restoration
- Clearly demonstrate long-term benefits to NOAA trust resources
- Involve the local community through an educational and/or volunteer component
- Include a mechanism to monitor and evaluate project success
- Provide a 1:1 nonfederal match

# NOAA Trust Resources

**NOAA trust resources are living marine resources that include:**

- Commercial and recreational fishery resources and their habitats
- Anadromous species
- Endangered and threatened marine species and their habitats
- Marine mammals, turtles, and their habitats
- Marshes, mangroves, seagrass beds, coral reefs, and other coastal habitats
- Resources associated with National Marine Sanctuaries and National Estuarine Research Reserves.

# Project Proposals

## Year I

- Nine preproposals were initially submitted from the 5 Gulf states
- Seven were asked for full proposals
- Three projects received a total of **\$64,365** in CRP funding.

## Year II

- Eighteen preproposals were initially submitted from the five Gulf states.
- Twelve were asked for full proposals
- Eight projects have recently been selected to receive more than **\$400,000** in CRP funding.

## Year I Project - #1001

### Intertidal Marsh Restoration Armand Bayou Coastal Preserve Houston/Pasadena, Texas

#### Objectives:

- Establish an emergent marsh plant nursery
- Restore 2 acres of intertidal marsh
- Establish a viable plant source for future restoration

**Applicant:** Texas Parks and Wildlife Department

**Project Cost:** \$10,800

**Timeline:** June 2002 – June 2003

**Status:** 1<sup>st</sup> and 2<sup>nd</sup> quarterly reports received; 60% funded



California  
bulrush in  
grow-out  
ponds

## Armand Bayou Progress Report - #1001

### Accomplishments

- **Oct 2002** - Collect, pot, and store 500 California bulrush
- Purchase construction materials for nursery ponds
- Hire part-time project coordinator
- Staff and volunteers relocate plants to Armand Bayou Nature Center ponds



## Year I Project - #1002

### Beach Stabilization and Vegetative Restoration Breton Island National Wildlife Refuge Chandeleur Islands, Louisiana

**Applicant:** US Fish & Wildlife Service

**Objectives:**

- Stabilize existing beach
- Create sand dunes using sand fencing
- Restore vegetation on beach and in dunes
- Plant marsh vegetation in subtidal zones
- Educate, provide information to the public

**Project Cost:** \$30,130

**Project Timeline:** April 2002 – April 2003

**Status:** 1<sup>st</sup> and 2<sup>nd</sup> quarterly reports received; 60% funded



Sand fences  
will help  
create dunes

## Breton Island Progress Report - #1002



### Accomplishments

**July 2002:** Volunteers construct 2,500 feet of fences

**Sept 2002:** Tropical storm Isadore wipes out fences

**Feb 2003:** Reconstruction efforts planned

**Aug 2002:**

Eight teachers  
participate in a two-  
day restoration  
workshop on the  
island





## **Year I Project - #1003**

### **Fisheries Habitat Restoration in the Pearl River Lake Pontchartrain Basin, Louisiana**

**Applicant:** Lake Pontchartrain Basin Foundation

**Objectives:**

- Design a fish way through sill allowing fish to move upriver
- Educate public about the project and the importance of the Pearl River

**Project Cost:** \$23,435

**Timeline:** May '02 - May '03

**Status:** 1<sup>st</sup> and 2<sup>nd</sup> quarterly reports received; 60% funded

## Pearl River Progress Report - #1003



Old sill blocks  
sturgeon from  
moving upriver.

Volunteer  
and staff  
measure  
flow rates



Project leaders  
share information  
with Louisiana  
Wildlife and  
Fisheries scientists



## Year II Project - #2001

### Nature Trail Site Restoration (Damson Tract) Fairhope, Alabama

**Applicant:** Weeks Bay Natl Estuarine Research Reserve

#### **Objectives:**

- Restore habitats altered by human activities
- Improve water quality in marsh
- Construct fire lanes; controlled burn
- Restore hydrology; remove invasive species
- Increase public awareness of ecology
- Monitor site after restoration

**NOAA Trust Resource:** blue crab, plants, shrimp

**Project Cost:** \$37,580

**Project Timeline:** Jan 2003 – June 2004

**Status:** Grant finalized; 30% funded



## Year II Project - #2002

### Shellfish Restoration & Crab Trap Recovery Project Mobile, Alabama

**Applicant:** Mobile Bay National Estuary Program

**Objectives:**

- Grow oyster spat with volunteers
- Distribute mature oysters to historic reef
- Collect derelict crab traps
- Increase public awareness/teach conservation
- Enhance marine resources

**NOAA Trust Resource:** oyster, fish, crabs

**Project Cost:** \$42,981

**Project Timeline:** Jan 2003 – Dec 2003

**Status:** Grant finalized; 30% funded



## **Year II Project - #2003**

### **Clear Creek Restoration Project Milton, Florida**

**Applicant:** Three Rivers Resource Conservation & Development Council

**Objectives:**

- Stabilize 45 acres of eroding gully (borrow pit)
- Reduce sediment input to nearby creek and bay
- Create new channel with instream planting
- Create berms in upper part of pit
- Plant grasses, ground cover and trees
- Create isolated wetlands
- Control stormwater
- Educate public and enhance marine resources

**NOAA Trust Resource:** Gulf sturgeon, fish

**Project Cost:** \$75,000

**Project Timeline:** March 2003 – Sept 2003

**Status:** Grant agreement in process



## **Year II Project - #2004**

### **Milton - Prop Scar Restoration Project** Pensacola, Florida

**Applicant:** Florida Dept of Environmental Protection  
Coastal Aquatic Managed Areas (CAMA)

#### **Objectives**

- Treat prop damage in Ft Pickens & St Andrews
- Reduce future damage through public awareness
- Test restoration methods for local seagrass beds
- Develop written information for public education
- Produce video for public access TV

**NOAA Trust Resource:** snapper, grouper, flounder

**Project Cost:** \$43,571

**Project Timeline:** July 2003 – July 2004

**Status:** Grant agreement in process



## Year II Project - #2005

### Tarpon Bay Hydrologic Restoration Isles of Capri, Naples, Florida

**Applicant:** Florida Dept of Environmental Protection  
Rookery Bay Natl Estuarine Research Reserve

#### Objectives

- Restore natural tidal flushing between bays
- Dredge out fill from 1950s construction
- Install culverts and bridge in previous flow area
- Benefit finfish, shellfish, manatees
- Compare pre- and post-restoration data

**NOAA Trust Resource:** manatee, cobia, snook, shellfish

**Project Cost:** \$70,000

**Project Timeline:** Jan 2003 – July 2003

**Status:** Grant agreement in process



## **Year II Project - #2006**

### **Maritime Forest Ridge & Marsh Restoration Pt. Fourchon, Florida**

**Applicant:** Barataria-Terrebonne Natl Estuary Program

#### **Objectives**

- Restore 15 acres of salt marsh & ridge habitat
- Build 8-ft-tall retainer levees
- Pump dredge fill material into area
- Create fringe marsh habitat w/ tidal channels
- Reintroduce vegetation to prevent erosion
- Eventually build walkways, signage, and kiosk

**NOAA Trust Resource:** red drum, sea trout, shrimp, crab

**Project Cost:** \$90,000

**Project Timeline:** June 2003 – May 2004

**Status:** Grant agreement in process



## Year II Project - #2007

### Restoration of Essential Fish Habitat Gulf Islands National Seashore Horn Island, Mississippi

**Applicant:** University of Southern Mississippi

#### Objectives

- Reestablish *Thalassia testudinum* in a GEM site
- Study light and current velocity requirements of newly-established seagrass beds.
- Increase community awareness of submerged aquatic vegetation's role in ecosystem

**NOAA Trust Resource:** marine fish, invertebrates

**Project Cost:** \$47,183

**Project Timeline:** Jan 2003 – May 2003  
(monitor through June 2004)

**Status:** Grant finalized; 30% funded



## **Year II Project - #2008**

### **Restoration of Bahia Grande Brownsville, Texas**

**Applicant:** Ocean Trust

#### **Objectives**

- Reestablish tidal water flow into dry basin
- Expand plant nursery & school participation
- Enhance soil stability and ecological functions of basin by planting native grasses & estuarine plants
- Establish community-wide coalition of support
- Expect one channel complete by summer 2003

**NOAA Trust Resource:** coastal fish, shellfish, waterfowl

**Project Cost:** \$44,940

**Project Timeline:** Jan 2003 – Dec 2003

**Status:** pending