

STATE OF MISSISSIPPI LIST OF TIER 1 CIAP PROJECTS

- MS.R.701 Tchoutacabouffa River Park**
City of D'Iberville
To acquire 30 acres of riverfront property on the upper Tchoutacabouffa River to create a park and nature area (AU 1).
\$850,000
- MS.R.702 VACANT**
- MS.R.703 Preservation of Greenspace in the City of Lucedale**
City of Lucedale
To acquire 40 acres in Lucedale for conservation and stream protection.
(AU 1)
\$154,000
- MS.R.705 The Point Park Acquisition Project**
City of Pascagoula
To acquire, clear and restore a one-acre vacant lot adjoining The Point Park in Pascagoula to expand the park area for a trail and greenspace. (AU 1)
\$552,000
- MS.R.706 Pascagoula River Ecotourism and Education Trails**
Land Trust for the Mississippi Coastal Plain
To acquire up to 100 acres of land to provide additional public access to the Pascagoula River through trails at Merrill and to promote education and stewardship of the River. (AU 1)
\$410,000
- MS.R.707 Turkey Creek Watershed Land Acquisition**
Harrison County Board of Supervisors
To acquire approximately 80 to 120 acres of land for protection and restoration of native vegetation to establish a greenway along Turkey Creek in Harrison County. (AU 1)
\$250,000
- MS.R.708 VACANT**
- MS.R.709 Smart Conservation: A Strategy for Incorporating Green Infrastructure into Hurricane Recovery and Renewal**
Land Trust for the Mississippi Coastal Plain in partnership with the Mississippi Department of Marine Resources
To establish a conservation network, maps, and educational resources for post-Katrina south Mississippi for development and implementation of conservation strategies. (AU 1)

\$350,000

- MS.R.710 Moss Point Conservation Land Acquisition**
Land Trust for the Mississippi Coastal Plain
To acquire, permanently protect and manage 15 acres of conservation lands within the Pascagoula watershed as part of the Moss Point Waterfront Greenway Project. (AU 1)
\$551,146
- MS.R.711 Old Fort Bayou Conservation Land Acquisition**
Land Trust for Mississippi Coastal Plain
To acquire, permanently protect and manage 13.38 acres of conservation lands adjacent to Old Fort Bayou in Jackson County. (AU 1)
\$850,398
- MS.R.712 On The Green at Lynn Meadows Discovery Center**
The Lynn Meadows Discovery Center
To acquire and restore 1.45 acres adjacent to Lynn Meadows Discovery Center for green space and education. (AU 1)
\$1,200,000
- MS.R.714 Wolf River Conservation Land Acquisition (Pulitzer Property)**
Mississippi Department of Marine Resources
To acquire, assess, manage and preserve 76 acres of land adjacent to the Wolf River in a natural condition. (AU 1)
\$425,000
- MS.R.715 VACANT**
- MS.R.716 Coastal Wetland Impact Database Enhancement (Coastal Resource Management Program) Phases 1 and 2**
Mississippi Department of Marine Resources
To develop two databases: 1) a historical aerial photo digital database and 2) a web-enabled SQL-based, GIS specific wetland impact database to enhance MDMR's ability to manage marine and terrestrial habitat. (AU 1)
\$400,000
- MS.R.717 Coastal Wetland Impact Database Enhancement**
Mississippi Department of Marine Resources
To enhance the coastal wetland database by adding electronic versions of all state and federal permits, photos and other documents that will allow streamlining of permitting and better tracking of federal and state measures in coastal waters. (AU 1)
\$274,500

- MS.R.718 Aquatic Invasive Species Coordination, Assessment and Control Plan Implementation (Statewide)**
Mississippi Department of Marine Resources
 To implement the state Aquatic Invasive Species Management Plan which will include control and eradication of ANS (Aquatic Nuisance Species), increasing public education and coordinating other invasive species activities and programs statewide. (AU 1)
 \$377,757
- MS.R.719 Sustainable Development and Smart Growth Management Initiative in the Six Coastal Counties of Mississippi**
Mississippi Department of Marine Resources- Comprehensive Resource Management Plan Division
 To create a comprehensive program to incorporate sustainability and smart growth within the six coastal county region through a management plan, modeling and conceptual plans. (AU 1)
 \$400,000
- MS.R.720 Grand Bay National Estuarine Research Reserve Facilities Enhancement, Phase 1 and 2**
Grand Bay National Estuarine Research Reserve/Mississippi Department of Marine Resources
 To help construct the Grand Bay NERR permanent education and research facilities complex. (AU 4)
 \$700,000
- MS.R.721 Powering Renewal: Rebuilding Gulf Coast Communities with Clean Energy**
Mississippi Department of Marine Resources
 To demonstrate renewable energy installation using various technologies in six highly visible locations within the six coastal counties. (AU 1)
 \$300,000
- MS.R.722 Ozone Forecasting Service for the Mississippi Gulf Coast**
Mississippi Department of Environmental Quality
 To provide daily ozone forecast to the public. (AU 1)
 \$400,000
- MS.R.723 Development of a Coastal Land Use Evaluation System (CLUES)**
Gulf Regional Planning Commission
 To assist in the development of a Coastal Land Evaluation System for the three coastal counties to aid in better land use decisions and protection of natural resources. (AU 1)
 \$250,000
- MS.R.724 VACANT**

- MS.R.725** **Mississippi Gulf Coast Waterfront Land Acquisition, Phases 1, 2, 3 and 4**
Mississippi Department of Marine Resources
 To acquire privately held Gulf waterfront land in the three coastal counties and barrier islands to protect it from adverse development and restore and manage it as green space and natural areas. (AU 1)
\$11,370,239.24
 725-1 Mississippi Gulf Coast Waterfront Land Acquisition (Moran Site) \$540,180.00
 725-2 Mississippi Gulf Coast Waterfront Land Acquisition (Pass Christian Beach Front Public Park Acquisition) \$3,044,000.00
 725-3 Mississippi Gulf Coast Waterfront Land Acquisition (Hanover Point Conservation Land Acquisition) \$1,304,500.00
 725-4 Mississippi Gulf Coast Waterfront Land Acquisition (Reynolds Properties Conservation Land Acquisition) \$911,100.00
 725-5 Mississippi Gulf Coast Waterfront Land Acquisition (Harbor Landing Land Acquisition) \$3,725,200.00
 725-6 Mississippi Gulf Coast Waterfront Land Acquisition (Charnley Property) \$1,045,400.00
 725-7 Mississippi Gulf Coast Waterfront Land Acquisition (Pascagoula Property Conservation Land Acquisition) \$245,000.00
 725-8 Mississippi Gulf Coast Waterfront Land Acquisition (Restoration) \$554,758.38
- MS.R.726** **Infinity Project**
Mississippi State University GeoResources Institute
 To help build a facility that supports NASA and other agencies to educate the public on space, marine and environmental sciences. (AU 1)
 \$500,000
- MS.R.727** **Creation, Colonization and Succession of New Habitats: Implications for the Success of Artificial Reefs, Phases 1 and 2**
Mississippi Department of Marine Resources
 To investigate the colonization and succession of organisms using artificial reefs, to determine nutrient transformation trophic linkages, to identify nutrient and pollution sinks/sources and to make specific recommendations regarding use of materials for reef constructions. (AU 1)
 \$900,000
- MS.R.728** **Natural and Anthropogenic Recovery of Coastal River Fish Populations Following Hurricane Katrina**
Mississippi State University
 To evaluate and help revitalize freshwater fisheries in the Pearl and Pascagoula Rivers. (AU 2)
 \$200,000

- MS.R.729 Restoring Fish Stocks in the Mississippi Sound through Responsible Aquaculture and Stock Enhancement**
Mississippi Department of Marine Resources
 To develop technologies to acquire, maintain and spawn broodstock of select marine finfish in order to facilitate production, rearing, tagging and releasing of juveniles in a stock enhancement program. (AU 2)
 \$3,000,000
- MS.R.730 State of Mississippi Planning Assistance and Administrative Costs of Complying with CIAP**
Mississippi Department of Marine Resources
 To provide effective coordination, development and implementation of the State CIAP plan. (AU 3)
 \$4,000,000
- MS.R.731 Land Acquisition and Restoration Activities to Conserve and Protect the Natural Resources of an Environmentally-Significant Coastal Area**
City Of Biloxi
 To acquire, protect and restore 1.26 acres of an environmentally significant coastal area across from the Mississippi Sound and adjacent to the lighthouse in Biloxi, MS for restoration and preservation as green space. (AU1)
 \$2,500,000
- MS.R.732 Documenting and Conserving the Heritage Resources of the Mississippi Gulf Coast, Phases 1 and 2**
Mississippi Department of Marine Resources- Comprehensive Resource Management Plan
 To document and conserve the heritage resources (natural, scenic, historic, and cultural) of the Mississippi Gulf Coast by creating a GIS database of known and potential heritage resource locations in the six coastal counties. (AU 1)
 \$900,000
- MS.R.733 VACANT**
- MS.R.734 VACANT**
- MS.R.735 VACANT**
- MS.R.736 Schooner Pier Complex and Exhibits Maritime and Seafood Industry Museum**

To further enhance the existing facility to restore and protect the beach and provide additional educational interpretive signage and exhibitry regarding conservation, marine life and the history of the area. (AU 1)
\$300,000

MS.R.737 Coastal Mississippi Integrated Ecological Restoration Partnership
The Nature Conservancy
To effectively address critical invasive species and prescribed fire needs after Hurricane Katrina on at least 1,100 acres, to strengthen collaboration among partners and improve public outreach regarding prescribed fire for ecological restoration and management in Harrison, Hancock, Jackson and George counties. (AU 1)
\$400,000

MS.R.738 Impact Monitoring Program
Mississippi Department of Marine Resources
To monitor for sources of debris from human activities and storm events and other impacts to coastal wetlands, such as invasive species, and to remove debris south of Interstate 10. (AU 1)
\$60,000

MS.R.739 Real-Time Hydrological Monitoring in the Mississippi Sound
Mississippi Department of Marine Resources
To obtain water temperature, turbidity, tidal state and conductivity/salinity data continuously from four monitoring stations for the MDMR public website that will provide the public and resource managers with instant information and to provide historical data. (AU 1)
\$160,000

MS.R.740 Deer Island Tree Planting and Master Plan Development
Mississippi State University, Agriculture Biological Engineering Department
To replace trees on Deer Island using a deep-tree planting method and to stabilize, through a comprehensive design, the upper beach using native vegetation. (AU 1)
\$294,920

MS.R.741 Mississippi Marine Debris Removal and Prevention Project (Deer Island) *J.L. Scott Marine Education Center*
To physically clean and conduct ongoing maintenance of four, one-half mile stretches on Deer Island that will include removal, monitoring, categorization and identification of sources of debris over a two-year period. (AU 1)
\$249,990

MS.R.742 Monitoring Aquatic Habitats in the Mississippi Coastal Zone: What is the State of Health of the Bay of St. Louis?

The University of Southern Mississippi

To monitor environmental quality parameters at 10 stations in the area of the Bay of St. Louis to help educate the public on the health of the bay to provide resource managers with an effective set of management tools for monitoring the health of aquatic environments. (AU 1)

\$250,000

MS.R.743 Gulf Coast Geospatial Center Support to the Mississippi Department of Marine Resources (Coastal)

University of Southern Mississippi

To provide geospatial services such as remote sensing image analysis, website/IMS services, GIS formulation and dissemination, training and ground support to MDMR to increase the capacity of MDMR to provide these services. (AU 1)

\$249,712

MS.R.744 Sediment-Associated Pollutants and Water Quality in St. Louis Bay

The University of Southern Mississippi

To quantify and track the sources of pollutant inputs and examine the effects of Hurricane Katrina in St. Louis Bay, with a focus on sediment-associated and water column heavy metals and toxic organics, including dioxins/furans and co-planar PCBs (Polychlorinated biphenyls). (AU 1)

\$250,000

MS.R.745 Native Plant Nursery for Restoration of Mississippi Coastal Vegetation

The University of Southern Mississippi, Gulf Coast Research Laboratory

To create an integrated, multi-species restoration approach using a coastal wetland and aquatic plant nursery and to develop a Center for Excellence for training skilled practitioners in native coastal plant propagation and restoration and revegetation of storm-damaged coastal habitats. (AU 1)

\$300,000

MS.R.746 Acquiring Real-Time, Continuous Surface Circulation Data in the Mississippi Sound in Support of Resource Management and Environmental Quality Applications

The University of Southern Mississippi

To collect surface water circulation data in two locations in Harrison and Hancock County using high frequency radar which will provide information of water movement for conservation and commercial management of resources. (AU 1)

\$400,000

MS.R.747 New Beginnings for Marine Education, Phases 1 and 2

The University of Southern Mississippi

To construct a new 35,000 square foot Marine Education Center at the 224-acre Cedar Point USM campus in Ocean Springs. (AU 1)
\$207,200.00

MS.R.747B New Beginnings for Marine Education (Phase 1 and 2)
\$7,792,800.00

MS.R.748 Native Vegetation/Plant Greenhouse and Estuary Education Model Addition to the Pascagoula River Basin Estuarine Education Center
Mississippi Gulf Coast Community College
To establish a 5000 square-foot native plant greenhouse nursery laboratory for educational purposes, to identify best management practices and to prepare students with skills and experience in germinating and growing-out native plants for restoration and revegetation of estuaries and watersheds. (AU 1)
\$500,000

MS.R.749 Striped Bass Restoration for the Mississippi Gulf Coast
University of Southern Mississippi / Gulf Coast Research Laboratory
To rebuild the infrastructure needed to culture fingerling striped bass for restoration to the tributaries of coastal Mississippi. (AU 1)
\$300,000

MS. R.750 VACANT

MS.R.751 Waterfront Conservation Project #3: Acquisition of Properties Adjacent to Pelican Landing
City of Moss Point
To acquire properties adjacent to and around Pelican Landing for preservation, conservation and protection and public use as a green space. (AU 1)
\$449,660

MS.R.752 The Point Park Development Project
City of Pascagoula
To make The Point Park in Pascagoula more accessible and useable by the public through the installation of water, sewer, restrooms and improved drainage, boardwalk, parking and play areas employing a sustainable, environmental design. (AU 1)
\$1,000,000

MS.R.753 Implementation of Hancock County Greenways: Pearlington Boat Launch and Cedar Point Boat Launch
Hancock Board of Supervisors
To implement Hancock County's Greenways plan by providing continuous public access to water front areas at Pearlington and Cedar

Point that includes a passive fishing pier, kayak and canoe launch, and flood marker. (AU 1)
\$712,400

MS.R.754 Implementation of Hancock County Greenways: Possum Walk Environmental and Historical Trail, Linking NASA’s Infinity to the past

Hancock County Board of Supervisors

To implement Hancock County’s Greenways plan by establishing a five-mile interpretative trail to educate people of the environment and history of this area and linking it to an interpretive exhibit in NASA’s Infinity Center at Stennis. (AU 1)
\$784,700

MS.R.755 Ansley, Lakeshore and Heron Bay Sewer Implementation

Hancock County Board of Supervisors

To improve water quality near coastal areas in Hancock County by providing sewer collection lines to 385 residences and several commercial structures in areas of Lakeshore, Ansley and Heron Bay south of I-10. (AU 2)
\$1,008,000

MS.R.756 Old Wire Road Trail Project

Stone County Board of Supervisors

To create a 20 to 30-mile corridor for biking and walking that preserves historical, archeological and natural resources, promotes preservation, strengthens a sense of heritage and connects communities in south Stone County. (AU 1)
\$1,000,000

MS.R.757 Mississippi Sound Seagrass Conservation Project

The Nature Conservancy

To protect and restore critical seagrass beds within the Gulf Islands National Seashore management boundary that have been adversely affected by incompatible boating activities through mapping, management, education, restoration and monitoring. (AU 1)
\$100,000

MS.R.758 VACANT

MS.R.759 Mississippi Environmental Stewardship Program

Department of Marine Resources Seafood Technology Bureau

To establish an environmental stewardship program within two middle schools per year in each of the three coastal counties, focused on conservation and restoration. (AU 1)
\$200,000

- MS.R.760** **Tracking the Sources of Fecal Pollution in Mississippi Coastal Waters using Library Independent, Rapid, Molecular Markers and Climatological/Geological Processes**
The University of Southern Mississippi
 To provide original research which leads evaluation of estuaries, beaches, and shellfish using host-specific molecular markers, genetic analysis of methanogen-specific genes and analyzing climatic and tidal activity.
 (AU 1)
 \$300,000
- MS.R.761** **VACANT**
- MS.R.762** **Joseph T. Jones Park Educational Boardwalk and Bike Trail**
City of Gulfport
 To construct a 1.5 mile interpretive boardwalk & bike trail corridor within Jones Park allowing visitors to explore the historical, archeological and scenic natural resources of the area; and to engage in outdoor activity to better instill the importance of conservation and protection of a sensitive coastal environment (AU 1)
 \$2,940,000
- MS.R.763** **Long Beach Harbor Expansion, Phases 1 and 2**
Long Beach Port Commission
 To expand the size of the Long Beach Small Craft Harbor in an environmentally-sustainable fashion to improve recreational opportunities for the public. (AU 1)
 \$2,000,000
- MS.R.764** **Pass Christian Harbor Expansion, Phases 1 and 2**
City of Pass Christian
 To expand the size of the Pass Christian Small Craft Harbor in an environmentally-sustainable fashion to improve recreational opportunities for the public. (AU 1)
 \$3,000,000
- MS.R.765** **Pearl River County Land Acquisition: West Hobolochitto Creek: A Wetland Conservation Park for the West Boley Creek**
Pearl River County Department of Planning
 To acquire 50 acres of land on West Hobolochitto Creek for conservation, stream restoration and public access. (AU 2)
 \$100,000
- MS.R.766** **VACANT**

- MS.R.767** **Implementation of Hancock County Greenways: Continuation of Hancock County Beach Pathways**
Hancock County Board of Supervisors
 To implement the Hancock County Greenways plan by extending the beachfront pathway for an additional two miles, linking the Garfield and Ladner Piers in Waveland to Buccaneer State Park. (AU 1)
 \$1,859,750.92
- MS.R.768** **Ohr-O’Keefe Museum of Art Mississippi Sound Welcome Center**
Ohr-O’Keefe Museum of Art
 To help construct a Welcome Center/Interpretive Center for educational programming, activities and exhibits highlighting restoration, conservation and protection of coastal areas. (AU 1)
 \$500,000
- MS.R.769** **The Crosby Arboretum Education Center (Pearl River)**
The Crosby Arboretum Foundation
 To help expand the Crosby Arboretum educational facilities through construction of a new \$2,000,000 Education Center in conjunction with partners. (AU 1)
 \$250,000
- MS.R.770** **Urban Forestry Education on Storm Recovery and Reforestation**
Mississippi Urban Forest Council
 To provide educational material, training and support to coast citizens and local governments on urban forestry topics such as tree maintenance, hazard trees, reforestation and storm resistant species as they rebuild and recover. (AU 1)
 \$50,000
- MS.R.771** **Mississippi Gulf Region Wastewater Plan Complementary Project Implementation, Phases 1, 2 and 3**
Mississippi Department of Marine Resources
 To identify, prioritize and help fund implementation of the most critical wastewater infrastructure needs in the six Gulf Region counties that will not be funded by the other federal sources. (AU 2)
 \$6,233,691
 771-1 MGRWP Complementary Project (Biloxi River Estates)
 \$1,014,991.50
 771-2 MGRWP Complementary Project (Kiln Community) \$1,742,076.26
 771-3 MGRWP Complementary Project (Jackson County) \$907,793.24
 771-4 MGRWP Complementary Project (28th Street) \$351,018.28
 771-5 MGRWP Complementary Project (Pineville Community)
 \$1,617,811.72
 771-6 MGRWP Complementary Project (Pearl River County-Hide-A-Way Lake) \$600,000.00

- MS.R.772** **VACANT**
- MS.R. 773** **Beach Restoration – Stormwater Outfall Demonstration Project**
Harrison County Board of Supervisors
 To evaluate alternative drainage structures that allow for effective dispersal of storm water from upland drainage watershed into the Mississippi Sound and to construct an outfall structure that will minimize sand loss/erosion, thus protecting shorebird habitat, improving aesthetics and minimizing sand loss. (AU 1)
 \$300,000
- MS.R. 774** **VACANT**
- MS.R. 794** **Inflow and Infiltration of Stormwater into Existing Sanitary Sewer System , Phase I**
City of Wiggins
 To increase existing sewer capacity by reducing rainwater that flows into the sanitary sewer system and repairing the system. (AU 2)
 \$100,000
- MS.R.798** **A Bottlenose Dolphin Surveillance Team for the Mississippi Sound**
University of Southern Mississippi
 To develop a rapid response team that can respond to bottlenose dolphin strandings in and around the Mississippi Sound, and to develop a research team to capture, evaluate, tag and release dolphins. (AU 1)
 \$993,816
- MS.R.802** **Evaluation of Trends and Possible Causes of Marine Animal Strandings, including the Rescue and Rehabilitation of Live Stranded Marine Mammals and Turtles, Phases 1, 2 and 3**
Institute for Marine Mammal Studies
 Study trends for bottlenose dolphin strandings, provide vital resources to improve live and dead marine mammal stranding response, collect and study biological samples from stranded marine mammals, and conduct research, conservation and education programs (AU1).
 \$3,366,247