



FUNDING PROGRAMS RESILIENCY DESIGN GUIDE

About This Guide

The Texas General Land Office (GLO) is working to implement the Tier 1 projects included in the Texas Coastal Resiliency Master Plan (TCRMP) by identifying possible funding sources. The following list of state and federal grant opportunities may be considered by project proponents to fund coastal resiliency projects. The grant opportunities listed below are sorted by six general categories: conservation, disaster mitigation, restoration, management, research, and non-point source pollution reduction. Typical project types funded, special requirements, funding details, and application time ranges are shown below by grant opportunity.

Agency Abbreviations

BOEM - Bureau of Ocean Energy Management
EPA - Environmental Protection Agency
FEMA - Federal Emergency Management Agency
GBEP - Galveston Bay Estuary Program
GLO - Texas General Land Office
HUD - U.S. Department of Housing and Urban Development
NFWF - National Fish and Wildlife Federation
NSF - National Science Foundation
NOAA - National Oceanic and Atmospheric Administration
TCEQ - Texas Commission on Environmental Quality
TDEM - Texas Division of Emergency Management
TPWD - Texas Parks and Wildlife Department
TSSWCB - Texas State Soil and Water Conservation Board
TWDB - Texas Water Development Board
USDA-NRCS - U.S. Department of Agriculture Natural Resources Conservation Service
USFWS - U.S. Fish and Wildlife Service
Texas General Land Office



Conservation Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
GBEP Project Funding	Funding to protect and conserve the Galveston Bay estuary, including funds to address water and sediment quality, education, outreach, monitoring, and research	<ul style="list-style-type: none"> Plans/Policies/Programs/Studies Land Acquisition Habitat Creation/Restoration 	EPA, TCEQ/GBEP	Varies	Varies		July	Up to 3 Months	
Gulf Coast Conservation Grants Program	Supports priority land conservation needs for the Gulf Coast	<ul style="list-style-type: none"> Land Acquisition Habitat Creation/Restoration Shoreline Stabilization Plans/Policies/Programs/Studies 	NFWF	Ranges \$50,000 to \$250,000	\$700,000		February	N/A	
National Coastal Resilience Fund (NCRF)	Funds projects to protect coastal communities from the impacts of storms, floods, and other natural hazard and enhance habitats for fish and wildlife	<ul style="list-style-type: none"> Habitat Creation/Restoration Shoreline Stabilization Flood Risk Reduction Dune Restoration Plans/Policies/Programs/Studies 	NFWF	Ranges \$125,000 to \$5,000,000	\$31,000,000	April	June (by invitation)	Funds available through reimbursement	Project is in a coastal HUC-8 watershed 1:1 Non-Federal Match
Environmental Quality Incentives Program	Provides agricultural producers with one-on-one help and financial assistance to develop a plan and implement conservation practices by investing in solutions that conserve natural resources for the future while also improving agricultural operations	<ul style="list-style-type: none"> Plans/Policies/Programs/Studies Habitat Creation/Restoration Hydrologic Connectivity Community Infrastructure 	USDA-NRCS	Up to \$140,000 over 4 years	Varies		Rolling application	Funds available through reimbursement	Advanced payments available for historically underserved producers
Regional Conservation Partnership Program	Funding to implement projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address.	<ul style="list-style-type: none"> Land Acquisition Habitat Creation/Restoration Plans/Policies/Programs/Studies Hydrologic Connectivity 	USDA-NRCS	Ranges \$250,000 to \$10,000,000	\$300,000,000		November	Funds available through reimbursement	Areas within the Texas coast must apply for the State Pool of RCPP funds. At least 1:1 Partner Match
Coastal Fisheries State Wildlife Grant	Funding to support implementation of the Texas Conservation Action Plan, to prevent the need to list, promote recovery, and enable conservation of Species of Greatest Conservation Need (SGCN).	<ul style="list-style-type: none"> Plans/Policies/Programs/Studies Habitat Creation/Restoration Hydrologic Connectivity 	USFWS/TPWD	Up to \$100,000	Varies		April	Funds available through reimbursement	Funds projects specifically for the protection and management of SGCN 35% Non-Federal Match

Conservation Funding Programs, cont.

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Landowner Incentive Program (LIP) Partners Watershed Funding Series	Funding to establish, restore, and/or enhance habitat for state and federal trust fish, wildlife and plant species on privately owned lands	<ul style="list-style-type: none"> Habitat Creation/Restoration Hydrologic Connectivity Land Acquisition 	USFWS/TPWD	Varies	Varies	February	To be provided if selected	Funds available through reimbursement	Projects must be on private, non-federally owned lands in specific watersheds Up to 75:25 Cost Share
National Coastal Wetlands Conservation Grant	Protection, restoration, and enhancements of coastal wetlands	<ul style="list-style-type: none"> Land Acquisition Habitat Creation/Restoration 	USFWS	\$1,000,000	\$18,000,000		July	N/A	Up to 50% Non-Federal Cost Share
North American Wetlands Conservation Act Grants Program – Small Grants	Long-term protection, restoration, and/or enhancement of wetlands and associated upland habitats for the benefit of migratory birds	<ul style="list-style-type: none"> Land Acquisition Habitat Creation/Restoration 	USFWS	<\$100,000	\$40,000,000		October	7 Months	1:1 Non-Federal Partner Match
North American Wetlands Conservation Act Grants Program – Standard Grants	Long-term protection, restoration, and/or enhancement of wetlands and associated upland habitats for the benefit of migratory birds	<ul style="list-style-type: none"> Habitat Creation/Restoration Shoreline Stabilization Hydrologic Connectivity Land Acquisition 	USFWS	Ranges \$100,000 to \$1,000,000	\$40,000,000	February	July	Up to 4 Months	1:1 Non-Federal Partner Match

Disaster Mitigation Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Building Resilient Infrastructure and Communities (BRIC) pre-disaster	Supports large-scale, regional hazard mitigation projects to reduce risks from natural disasters and hazards	<ul style="list-style-type: none"> Flood Risk Reduction Community Infrastructure Habitat Creation/Restoration Dune Restoration 	FEMA/TDEM	Varies	State and national BRIC funds vary based on Congressional allocations	January		~30 days, or after Special Conditions are signed by recipient and received by FEMA	Participation in an approved Hazard Mitigation Plan (HMP) 25% Non-Federal Match
Hazard Mitigation Grant Program (HMGP) post-disaster	Supports the development of long-term hazard mitigation plans and funds projects to reduce impacts of federally declared disasters	<ul style="list-style-type: none"> Flood Risk Reduction Habitat Creation/Restoration (Floodplain Restoration) Community Infrastructure 	FEMA/TDEM	Varies	Varies based on total cost of disaster		After Presidential Major Disaster Declaration	Funds available through reimbursement	Participation in the NFIP and participation in an approved HMP 25% Non-Federal Match

Disaster Mitigation Funding Programs, cont.

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Flood Mitigation Assistance (FMA) pre-disaster	Funds projects that reduce flood risk, especially repetitive losses	<ul style="list-style-type: none"> • Flood Risk Reduction • Land Acquisition 	FEMA/TWDB	Varies	\$160 million	January		~30 days, or after Special Conditions are signed by recipient and received by FEMA	Participation in the National Flood Insurance Program (NFIP) and participation in an approved HMP 25% Non-Federal Match
Community Development Block Grant Disaster Recovery (CDBG- DR)	When the President declares a major disaster, Congress may appropriate funds to HUD when there are significant unmet needs for long-term recovery	<ul style="list-style-type: none"> • Flood Risk Reduction • Community Infrastructure 	HUD/GLO	Varies	Allocated by HUD		After Presidential Major Disaster Declaration	Varies	70% of total allocation must benefit Low-to-Moderate Income (LMI) Households
Community Development Block Grant Mitigation (CDBG- MIT)	Funds disaster mitigation and risk reduction projects in impacted areas	<ul style="list-style-type: none"> • Flood Risk Reduction • Community Infrastructure • Habitat Creation/Restoration • Beach Nourishment • Dune Restoration 	HUD/GLO	Varies by disaster declaration	Varies by disaster declaration	October		~30 days	Project must be in HUD-designated counties
Community Resilience Collaborative	Technical assistance for planning, outreach, and education aimed at coastal communities, particularly those that deal with hazard mitigation and disaster recovery issues. Also funds small grants for community resilience research projects.	<ul style="list-style-type: none"> • Flood Risk Reduction • Community Infrastructure • Plans/Policies/Programs/Studies 	NOAA/Texas Sea Grant	Up to \$150,000	\$750,000	January	April	~7 months	This grant is offered on a bi-annual cycle. The next award competition is anticipated to be announced Fall 2024 50% Non-Federal Cost Share
Flood Infrastructure Fund	Provides financial assistance in the form of loans and grants for flood control, flood mitigation, and drainage projects	<ul style="list-style-type: none"> • Plans/Policies/Programs/Studies • Flood Risk Reduction • Habitat Creation/Restoration • Shoreline Stabilization • Hydrologic Connectivity • Community Infrastructure 	TWDB	Varies	Varies	Rolling application	Rolling application	6 months	Requires benefit-cost ratio (BCR) > 1.0 Cost Share dependent on Funding Options
Texas Water Development Fund (DFund)	Provides financial assistance for water supply, wastewater (including nonpoint source pollution reduction), and flood control projects	<ul style="list-style-type: none"> • Flood Risk Reduction • Land Acquisition • Habitat Creation/Restoration • Shoreline Stabilization • Plans/Policies/Programs/Studies • Hydrologic Connectivity 	TWDB	No Limit	Varies	Pre-application conference required	Rolling application	Funds available through a loan	Consistency with State Water Plan U.S. Iron & Steel Requirements

Restoration Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Gulf of Mexico Energy Securities Act (GOMESA)	Funds coastal restoration projects using oil and gas leasing revenues in Gulf Coast states	<ul style="list-style-type: none"> Habitat Creation/Restoration Flood Risk Reduction Land Acquisition 	BOEM/GLO	Varies	Varies by annual allocation		GLO will select projects from CEPRA and CMP Programs	Funds available through reimbursement	Funds are allocated to GLO and Texas coastal counties
Five Star and Urban Waters Restoration Grant Program	Funds projects focused on water quality, watersheds, and the species and habitats they support	<ul style="list-style-type: none"> Habitat Creation/Restoration Community Infrastructure Plans/Policies/Programs/Studies 	NFWF	Ranges \$20,000 to \$50,000	\$1,500,000		October	Funds available through reimbursement	1:1 Non-Federal Match
Resilient Communities Program	Support for disaster risk reduction, prioritizing LMI communities	<ul style="list-style-type: none"> Habitat Creation/Restoration Shoreline Stabilization Dune Restoration Hydrologic Connectivity Community Infrastructure Flood Risk Reduction Land Acquisition 	NFWF	Ranges \$100,000 to \$500,000	\$3,000,000		April	Funds available through reimbursement	1:1 Non-Federal Match
Coastal and Marine Habitat Restoration Grant	Habitat-based restoration projects that rebuild productive and sustainable fisheries, contribute to the recovery and conservation of protected resources, promote healthy ecosystems, and yield community and economic benefits	<ul style="list-style-type: none"> Habitat Creation/Restoration Hydrologic Connectivity Shoreline Stabilization Community Infrastructure 	NOAA	\$75,000 to \$3,000,000	Varies	January	April	Funds can be accessed immediately after acceptance	Grant program anticipated to resume in FY2022 1:1 Non-Federal Match not required, but encouraged
Coastal Erosion Planning and Response Act (CEPRA)	Funds projects and studies to reduce coastal erosion	<ul style="list-style-type: none"> Beach Nourishment Dune Restoration Shoreline Stabilization Habitat Creation/Restoration Structure/Debris Removal 	Texas State Legislature/GLO	Varies	Varies		July	Funds available through reimbursement	Gulf shorelines must be experiencing erosion > 2 ft/yr Up to 40% Partner Match
Emergency Watershed Protection – Floodplain Easement	Easement acquisitions to restore land to its natural condition	<ul style="list-style-type: none"> Land Acquisition Flood Risk Reduction 	USDA-NRCS	Varies	Varies		October	NRCS has 12 months to close on the purchase of the easement	

Restoration Funding Programs, cont.

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Wetland Reserve Enhancement Partnership	Funding for partnerships with tribal and private landowners who voluntarily enroll eligible land into easements to protect, restore and enhance wetlands on their properties.	• Habitat Creation/Restoration	USDA-NRCS	Varies	\$30,000,000		November	N/A	Eligible lands - enrolled under permanent easements, 30-year easements, or 30-year contracts (for land owned by Tribes), may also be enrolled under wetland easements At least 10% Partner Match
Texas Prairie Wetlands Project	Restore, enhance, and create shallow-water wetlands on privately owned land	• Habitat Creation/Restoration • Hydrologic Connectivity	USFWS, USDA-NRCS/ Ducks Unlimited, TPWD	Varies	Varies		Rolling application	Funds available through reimbursement after project completion	Landowners sign a minimum 10-year wetland development agreement 35% Landowner Cost Share

Management Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
National Estuary Program Coastal Watersheds Grant Program	Funding to support projects that address urgent and challenging issues threatening the well-being of coastal and estuarine areas within determined estuaries of national significance.	• Flood Risk Reduction • Habitat Creation/Restoration • Hydrologic Connectivity • Structure/Debris Removal	EPA/Restore America's Estuaries	Ranges \$75,000 to \$250,000	Varies	June	September (by invitation)	Funds available through reimbursement	Must be within an estuary of national significance 33% Non-Federal Match or 25% of Total Project Cost
Community Improvement Grants	Funds public space recycling collection infrastructure, builds strong neighborhoods along MLK Jr. boulevards, offers beautification through tree planting, and prevents cigarettes and litter in the nation's waters.	• Public Access & Improvements • Plans/Policies/Programs/Studies	Keep America Beautiful	Up to \$10,000	Varies		March	N/A	

Management Funding Programs, cont.

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Marine Debris Removal Grant	Supports locally driven, community-based marine debris prevention, removal, and research projects	• Structure/Debris Removal	NOAA	\$50,000-\$250,000	\$2,500,000	September	December (by invitation)	4 months	1:1 Non-Federal Match
Coastal Management Program (CMP)	Funds projects that improve management of the state's coastal natural resource areas	• Public Access & Improvements • Plans/Policies/Programs/Studies • Flood Risk Reduction • Habitat Creation/Restoration • Hydrologic Connectivity • Land Acquisitions • Shoreline Stabilization • Structure/Debris Removal	NOAA, GLO	Varies	\$1,800,000	June	October (by invitation)	Funds available through reimbursement	40% Non-Federal Match
Coastal Management Program - Project of Special Merit (PSM)	Funds CMP projects with regional benefits, with preference given to projects related to TCRMP efforts	• Public Access & Improvements • Plans/Policies/Programs/Studies • Flood Risk Reduction • Habitat Creation/Restoration • Hydrologic Connectivity • Land Acquisitions • Shoreline Stabilization • Structure/Debris Removal	NOAA, GLO	Ranges \$200,000 to \$5,000,000	\$5,000,000	June	October (by invitation)	Funds available through reimbursement	PSMs involve large-scale, coordinated efforts among regional stakeholders
Fishing for Energy	Facilitates the collection and proper disposal of retired and derelict commercial fishing gear for recycling and for energy conversion by supporting the placement of disposal bins at select ports across the U.S.	• Public Access & Improvements • Plans/Policies/Programs/Studies	NOAA/NFWF	Up to \$150,000	\$500,000		March	Funds available through reimbursement	1:1 Non-Federal match is strongly encouraged
Water Quality Management Plan Program - Cost Share Incentive Funding	Develop a water quality management plan to achieve pollution prevention or abatement to be consistent with state water quality standards	• Plans/Policies/Programs/Studies	TSSWCB	\$15,000	Varies		Rolling application	Funds can be accessed immediately after award notification	Applicants in the coastal zone get a 5% scoring boost

Research Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Adaptation Sciences (AdSci) Program	Research projects that enhance climate adaptation and resilience planning	• Plans/Policies/Programs/Studies	NOAA	\$300,000	Varies		November	N/A	

Research Funding Programs, cont.

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
Effects of Sea Level Rise (ESLR) Program	Funds scientific studies that improve adaptation to and planning for sea level rise and coastal inundation in two focal areas: coastal resilience and surface transportation resilience	• Plans/Policies/Programs/Studies	NOAA	Ranges \$200,000 to \$500,000	\$1,200,000	October	January	Funds can be accessed immediately upon establishment of a cooperative agreement	Letter of intent required before full proposal submittal
Environmental Sustainability	Research promoting sustainable engineered systems that support human well-being and are compatible with sustaining natural (environmental) systems	• Plans/Policies/Programs/Studies	NSF	Varies	Varies		Rolling application	30 days	
Research Proposals	Outcome-oriented research and extension projects that improve the understanding, wise use, and stewardship of Texas' coastal and marine resources	• Plans/Policies/Programs/Studies	Texas Sea Grant	\$150,000 (one-year) or \$300,000 (two-year)	\$750,000	January	April	7 months	50% Non-Federal Cost Share

Non-Point Source Pollution Reduction Funding Programs

Opportunity	Description	TCRMP Project Types Funded	Funding/ Administering Agency	Per Project Funding Cap	Total Annual Funding Available	Typical Application Range			Special Requirements
						Pre-Application (If Applicable)	Final Application	Funding Delay After Award	
319 Grant Program for State and Territories	Federal funding for the implementation of nonpoint source management programs and water quality measure design and construction under Section 319 of the Clean Water Act; some State funding may also be available	• Plans/Policies/Programs/Studies • Community Infrastructure	EPA/TCEQ, TSSWCB	\$50,000 to \$700,000	\$2,500,000		July	12 months from proposal to project kickoff	40% Non-Federal Cost Share
Clean Water State Revolving Fund	Assists communities by providing low-cost financing for a wide range of wastewater, stormwater, reuse, and other pollution control projects	• Plans/Policies/Programs/Studies • Habitat Creation/Restoration • Hydrologic Connectivity • Community Infrastructure	TWDB	\$44,000,000	\$250,000,000		Rolling application	3-4 months	1.75% loan origination fee