



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 | <p>Projects must be on private, non-federally owned lands in specific watersheds</p> <p>Up to 75:25 Cost Share</p> |
| 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 | <p>Participation in an approved Hazard Mitigation Plan (HMP)</p> <p>25% Non-Federal Match</p> |
| 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 | <p>Participation in the NFIP and participation in an approved HMP</p> <p>25% Non-Federal Match</p> |

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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |