

WATER IS GOOD FOR TEXAS

FLOOD MITIGATION

Floods can cause devastation across Texas. In Central and West Texas, flash floods are a common danger and frequently strike with little or no advance warning. Coastal areas are susceptible to flooding from poor drainage, overflowing riverbanks and hurricane-induced storm surges.

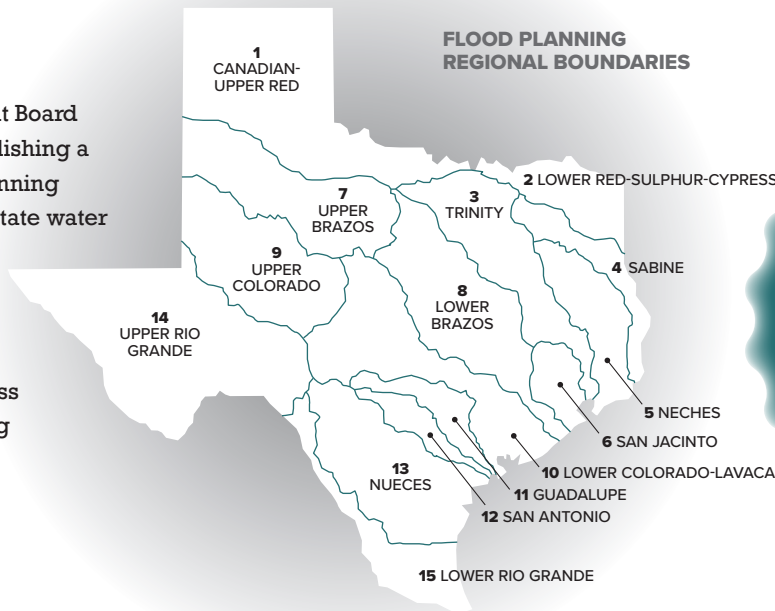
Flood mitigation planning protects against periods of extremely intense rainfall, over short periods of time, that quickly claim lives, destroy property and disrupt the economy. Flood management and flood mitigation can also help the environment and Texas terrain. Controlled flooding contributes to groundwater recharge and preserves floodplains that serve as habitats for many plants and animals.

FLOOD MITIGATION SOLUTIONS

STRUCTURAL	NON-STRUCTURAL
DAMS	OPEN-SPACE PRESERVATION
SEAWALLS	RESIDENTIAL RELOCATION
FLOODGATES	WETLAND RESTORATION
CHANNEL ALTERATIONS	FLOOD WARNING SYSTEMS
STORMWATER DETENTION BASINS	UPDATES TO ZONING LAWS

FUTURE PLANNING

The Texas Water Development Board (TWDB) is charged with establishing a statewide flood mitigation planning process — separate from the state water planning — and developing Texas' first-ever state flood plan by September 2024. The TWDB also administers a regional flood planning process composed of 15 flood planning regions based on river basins.



IN 2018, VOTERS IN HARRIS COUNTY APPROVED A \$2.5 BILLION BOND MEASURE TO FUND FLOOD CONTROL MEASURES THROUGHOUT THE COUNTY. **THE BONDS WILL HELP FUND MORE THAN 200 PROJECTS TO REDUCE FLOOD RISK THROUGHOUT HARRIS COUNTY** INCLUDING BAYOU EXPANSIONS, RESERVOIRS, CANALS AND DETENTION BASINS.

FLOOD INFRASTRUCTURE FUND

FLOOD INFRASTRUCTURE FUND ACTIVE AND COMPLETED PROJECT COMMITMENTS, JULY 2022

PROJECT CATEGORY	PROJECT DESCRIPTION	NUMBER OF ACTIVE PROJECTS	AMOUNT COMMITTED TO PROJECTS							IN MILLIONS	
			\$0	\$50	\$100	\$150	\$200	\$250	\$300	\$350	
1	FLOOD PROTECTION PLANNING FOR WATERSHEDS	46	[Bar chart showing commitment up to ~\$100M]								
2	PLANNING, ACQUISITION, DESIGN, CONSTRUCTION, REHABILITATION	67	[Bar chart showing commitment up to ~\$350M]								
3	FEDERAL AWARD MATCHING FUNDS	7	[Bar chart showing commitment up to ~\$25M]								
4	MEASURES IMMEDIATELY EFFECTIVE IN PROTECTING LIFE AND PROPERTY	7	[Bar chart showing commitment up to ~\$10M]								

Following the devastation of Hurricane Harvey in 2017, Texas voters approved a constitutional amendment establishing the \$800 million Flood Infrastructure Fund (FIF) program, which offers no-interest loans and grants and in four different project categories. As of July 2022, the TWDB reports 127 active projects, with more than \$433 million in funding.

Sources: Texas Water Development Board; Texas Comptroller of Public Accounts

Glenn Hegar

Texas Comptroller of Public Accounts

THIS IS ONE IN A SERIES OF REPORTS THE COMPTROLLER HAS PREPARED ON WATER IN TEXAS

TO SEE MORE INFORMATION ON WATER ISSUES AND THE TEXAS ECONOMY: <https://comptroller.texas.gov/economy/economic-data/water/>