



RIVER BASIN FLOOD STUDY

ABOUT THE GLO'S COMBINED RIVER BASIN FLOOD STUDIES

JULY 2023

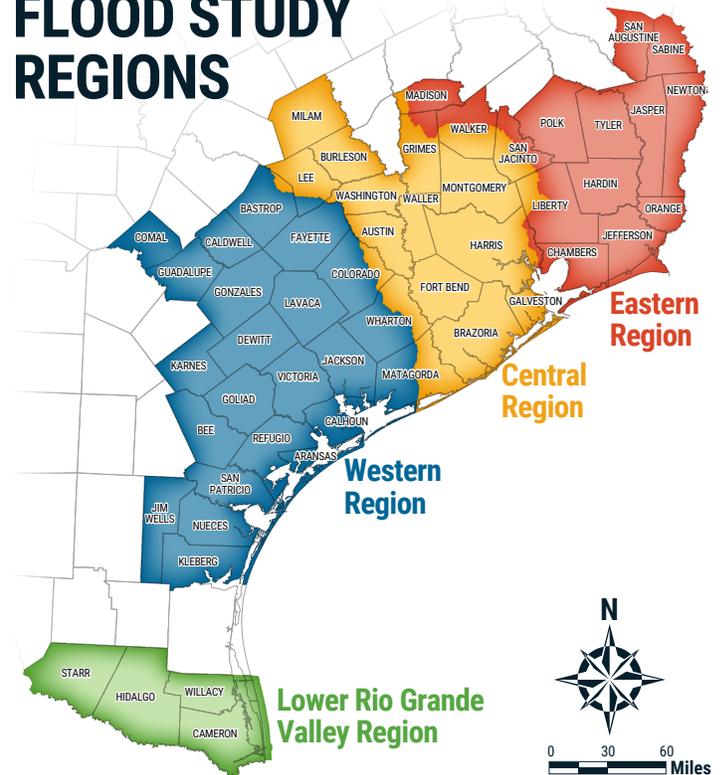
In September 2020, the Texas General Land Office (GLO) initiated the Combined River Basin Flood Studies planning process to collect, analyze, and communicate flood risk information to help decision makers with protecting Texans from future floods. The goals for the flood study are to:

- ▶ Evaluate flood risks to our communities
- ▶ Identify flood projects that strengthen the resilience of our communities
- ▶ Identify possible funding sources for community flood projects

These studies will analyze regional and local flood mitigation solutions to promote sound short and long term recovery. These studies will increase the resiliency of communities most at risk of flooding by enabling them to undertake the most effective projects that reflect local priorities and needs. This effort will also maximize the use of U.S. Department of Housing and Urban Development Community Development Block Grant Disaster Recovery (CDBG-DR) and CDBG Mitigation (CDBG-MIT) Program funding to build back stronger and more resilient communities.

By partnering with active federal and state efforts, These studies seek to draw from the strengths, expertise, and capabilities of public, private, and academic centers of excellence throughout the State of Texas. The data and information produced by the GLO from this planning process will be utilized to support current and future Texas State Flood Plans (led by the Texas Water Development Board [TWDB]) and inform the Texas Disaster Information System (TDIS), a critical tool for the state to assist communities in the development of disaster recovery and mitigation plans.

FLOOD STUDY REGIONS



The GLO's Combined River Basin Flood Studies planning process has been divided into four combined river basin regions, including:

Eastern Region:

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Central Region:

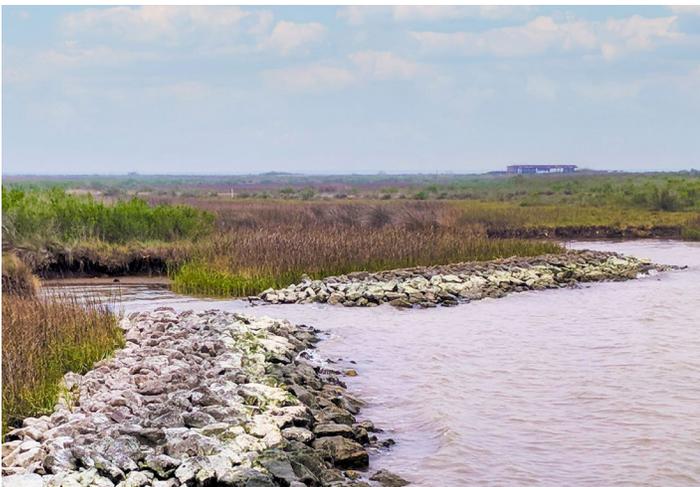
David Mass, David.Mass.GLO@recovery.texas.gov or glofloodstudies.central@recovery.texas.gov

Western Region:

Krystle Haney, Krystle.Haney.GLO@recovery.texas.gov or glofloodstudies.west@recovery.texas.gov

Lower Rio Grande Valley Region:

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STUDY PROGRESS AND NEXT STEPS

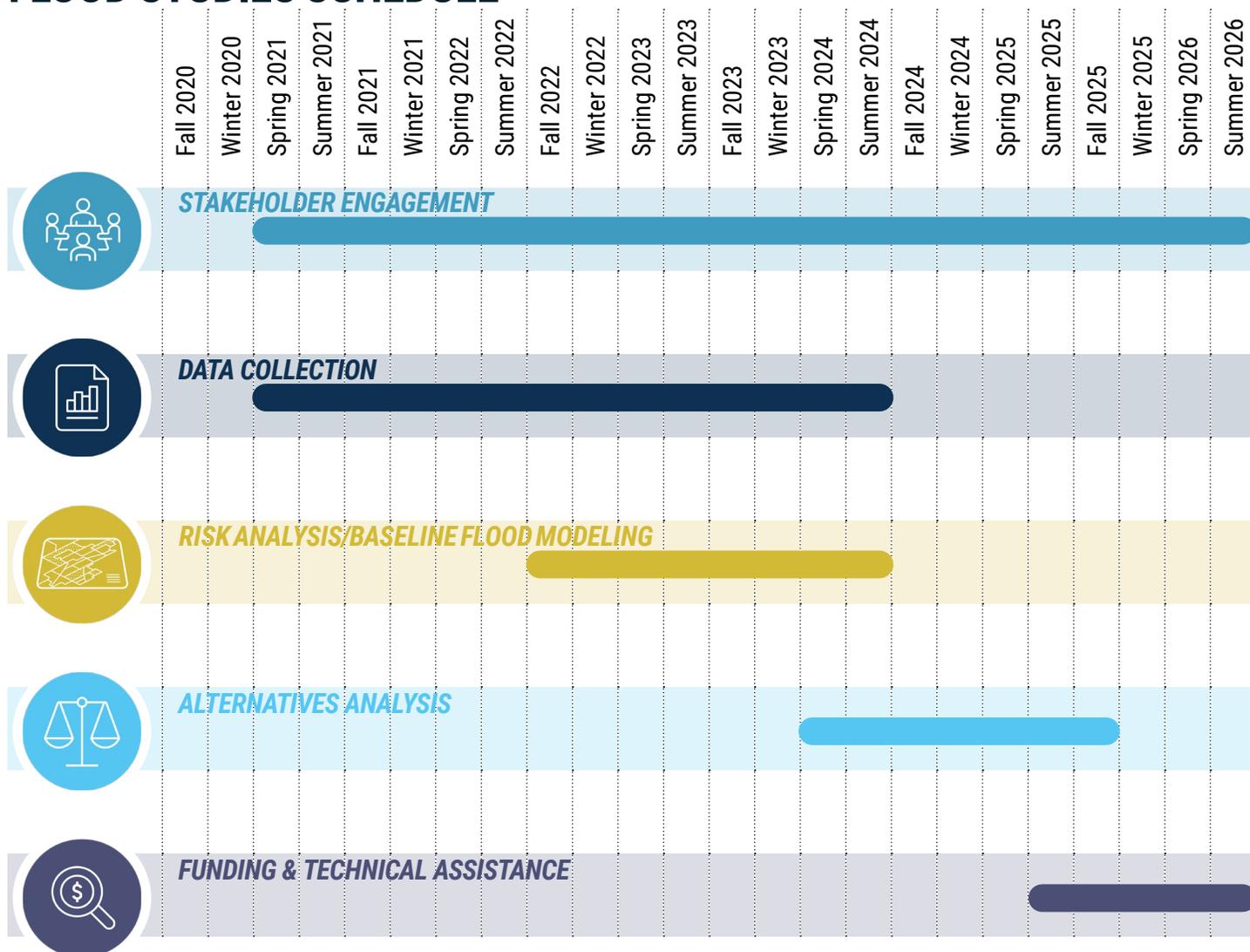
In September 2020, these studies were developed, and study teams were established. Through an initial online survey, rigorous data collection efforts, and a series of in-person and virtual meetings with local officials and staff in 2021 and 2022, the study teams established a baseline of understanding of communities' capabilities and needs, identified, and collected usable data to support the planning process, and identified gaps in flood-related resources currently available to local governments.

Currently, the study teams are conducting a risk analysis and performing baseline modeling of riverine and coastal flood

hazards within the study areas. This analysis and modeling effort will allow communities to understand the extents, severity, and frequency of flooding and ultimately how to reduce flood risk. Once flood risk for communities has been identified, an alternatives analysis will be conducted to evaluate and identify appropriate projects to mitigate and reduce flood risk within the region.

Following the identification of projects, the study teams will assist communities within their study region with determining applicable funding sources and provide funding-related technical assistance.

FLOOD STUDIES SCHEDULE



Some study teams are anticipated to complete work prior to the summer 2026 completion date identified in the above schedule.