Texas General Land Office

Community Development and Revitalization Program (GLO-CDR)

Tyler Payne: Project Manager - Planning

"We work to rebuild communities, to put Texans back in their homes, and to help businesses recover after the trauma of disaster."

George P. Bush

Texas General Land Office Commissioner

GLO Overview

- The GLO is responsible for veterans affairs, land leases, oil spills, the permanent school fund, and coastal resources for the State of Texas.
- In 2011, Governor Perry designated the Texas General Land Office with responsibility for long-term disaster recovery and mitigation for the State of Texas.
- Governor Abbott extended that designation in 2016 thru today.
- GLO also administers the FEMA short-term housing missions.

Texas CDBG-DR/MIT Grants

Hurricane Rita:	$503M	(Closed)
Hurricane Ike:	$3.1B	(Almost Closed)
Wildfires:	$36M	(Almost Closed)
2015 Floods:	$75M	(Open)
2016 Floods:	$239M	(Open)
Harvey 1:	$57M	(Open)
Harvey 2:	$5.6B	(Open)
Mitigation:	$4.29B	(Awaiting Agreement)
2018 Floods:	$73M	(Drafting Action Plan)
2019 Disasters:	$212M	(Drafting Action Plan)
Total:	**$14.3B**	

Outreach Coordination

Coordination with Federal and State Entities:

- Universities
- FEMA
- GLO - Coastal
- NOAA
- NWS
- TDEM
- TNRIS
- TWDB
- TxDOT
- USACE
- USGS

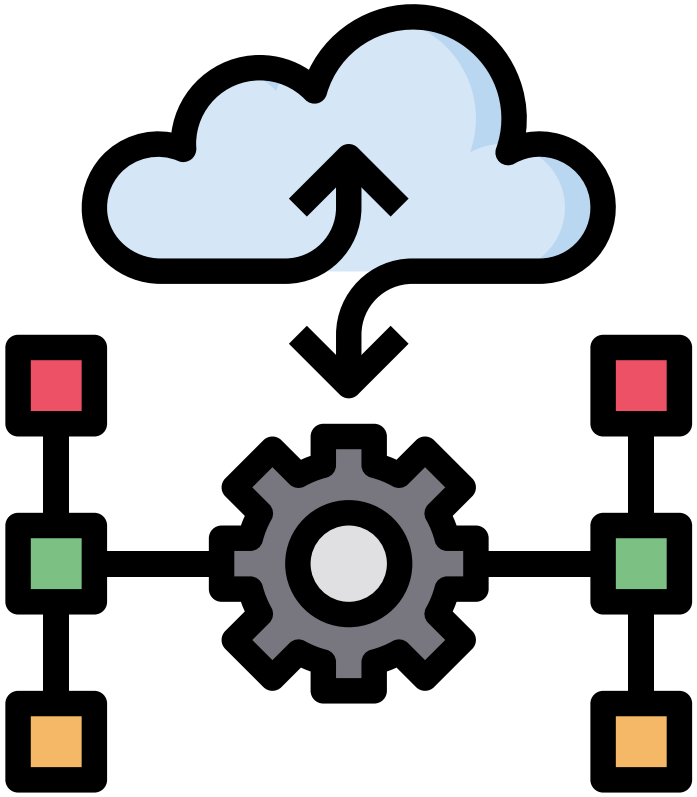
Texas Disaster Information System (TDIS)

- The GLO is working with federal, state, regional, local, and academic partners to create the Texas Disaster Information System (TDIS).
- TDIS seeks to gather reliable and accurate information through data sharing agreements.
- TDIS will not act as a data clearing house.

- Two primary goals:
  1) Provide reliable and accurate data to decision makers before, during, and after disasters.
  2) Help local communities build more competence by providing the tools and training to effectively conduct comprehensive community planning.

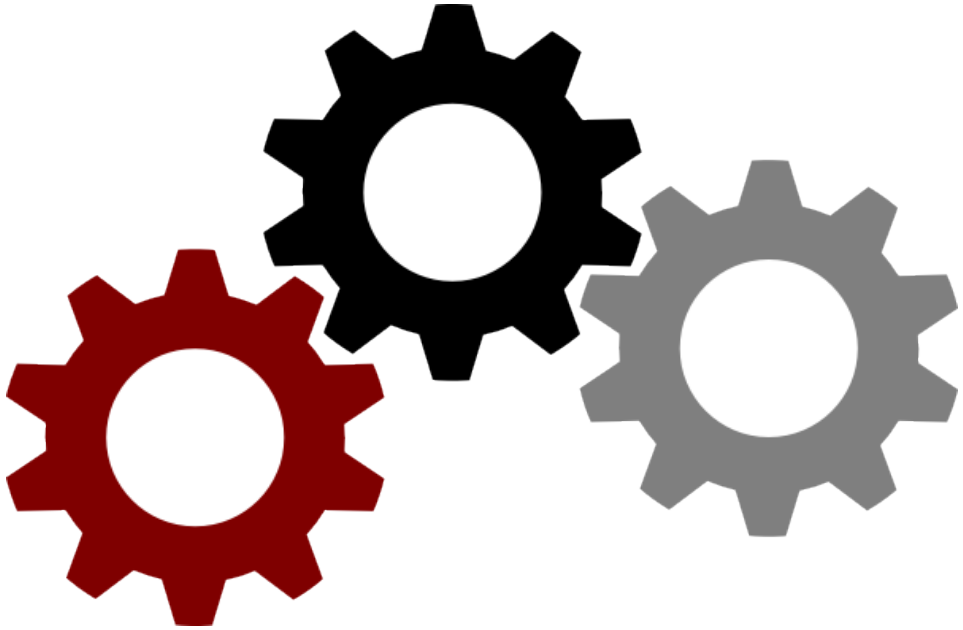
Texas Disaster Information System (TDIS)

- TDIS Design (University of Texas - Center for Space Research)
  - Identify and prioritize critical datasets
  - Document the security and network requirements
  - Design initial data architecture
- TDIS Creation (Texas A&M University, Contract Pending)
  - Begin executing data sharing agreements and collecting data
  - Establish secure data connection(s), database, and scalable server
  - Build an interactive, role-based web-portal
  - Plan for ongoing maintenance and upkeep



TDIS Data Categories

- Funding Sources
- Disaster Impacts
- Topography/Geological
- Demographic
- Weather
- Critical Infrastructure
  - Existing
  - Under Construction
  - Planned/Potential Projects
- Coding, Zoning & Permitting
- Parcel Data
- H&H Models
- Future Conditions



TDIS Web Portal Capabilities

- Ability to query and export all data in accordance with security protocols and laws.
- Validate users/roles and display data appropriately.
- Develop a comprehensive community planning platform.
  - Types of plans:
    - Comprehensive community plans
    - Land use plans
    - Capital investment plans
  - Coding/Zoning/Permitting
  - Flood mitigation modeling
  - Project funding opportunities
  - Buyout/Acquisition program planner

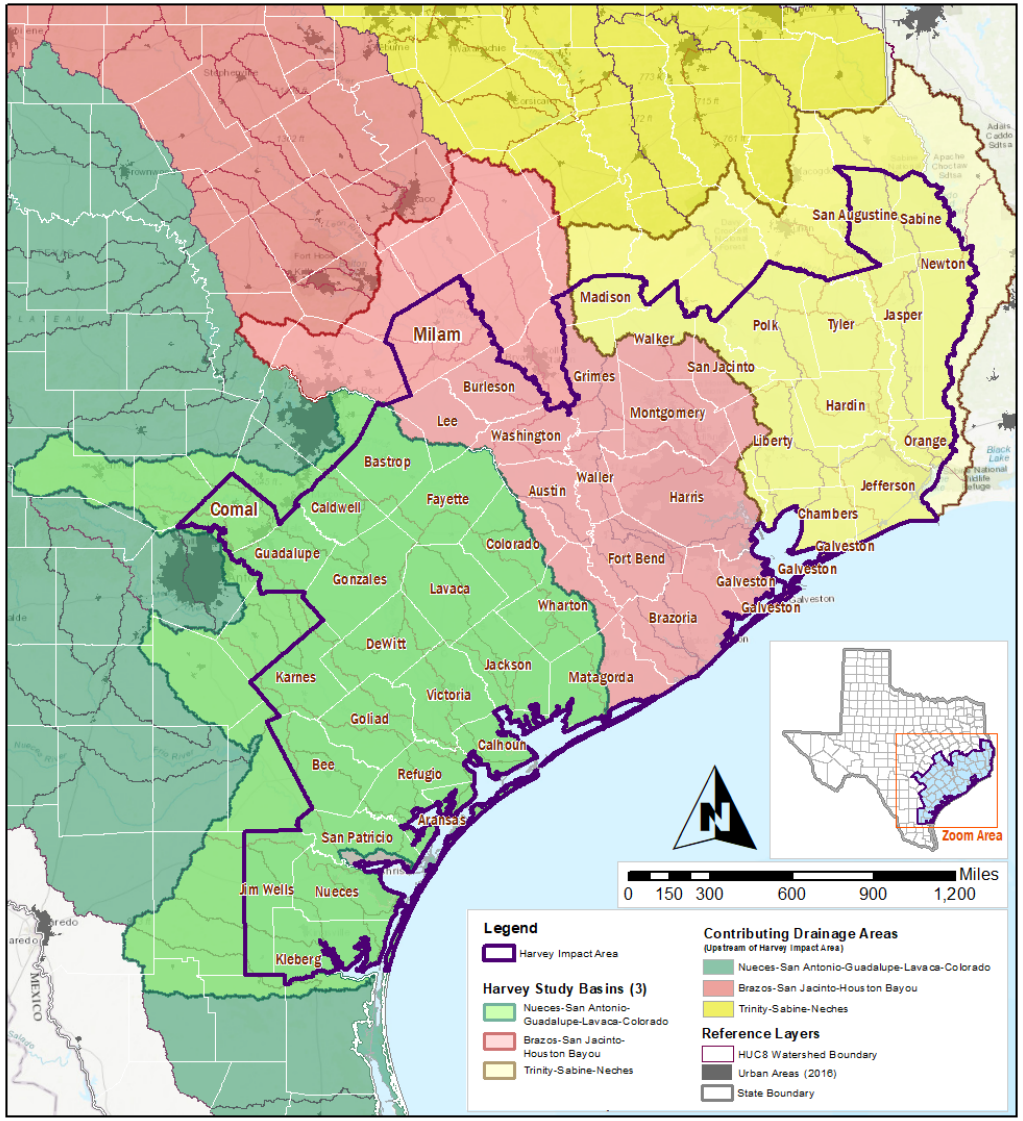
TDIS Audience

- Primary Stakeholders - Organizations that Share Data
  - Federal and State Agencies
  - Regional Planning & Oversight Organizations
  - Local Governments
  - Insurance Organizations

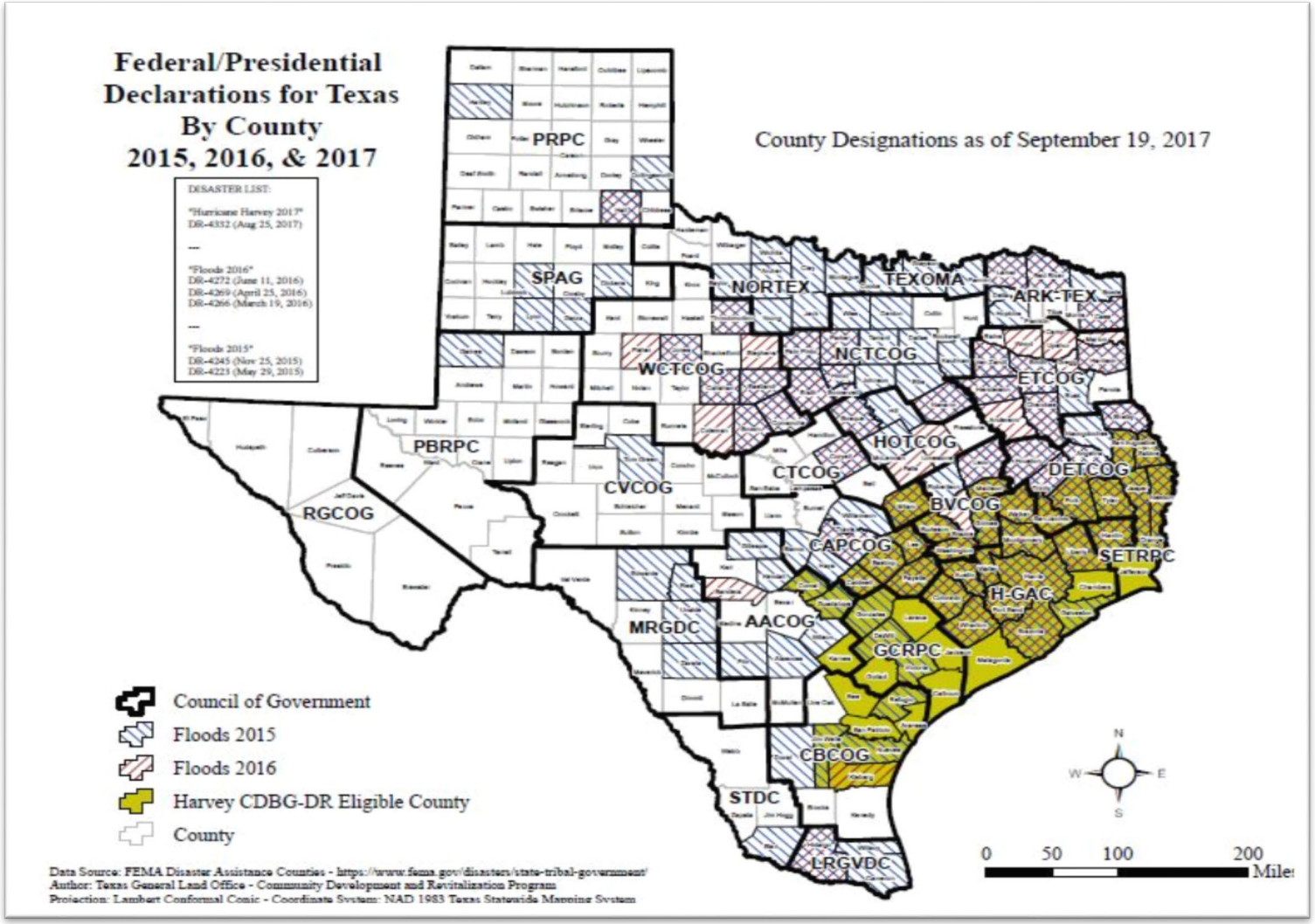
- Targeted Decision Makers
  - Elected Officials
  - Disaster Response Personnel
  - Recovery and Mitigation Planners
  - Local Government Planners
  - General Population

Regional Flood Studies

- Four-year contract
- Budget: $25M/region ($75M total)
- Four-phase study
  1) Data Collection & Outreach
  2) Flood Model Development
  3) Alternatives Analysis and Cost-Benefit Analysis
  4) Recommendations and Pursuit of Additional Mitigation Funds
- GLO-CDR contracted with USACE to serve as our technical assistance



Mitigation Funds



- Texas was allocated $4.29B for Mitigation
- State run planning has a projected budget of $214M
- Planning survey closed June 30th.

Questions?