

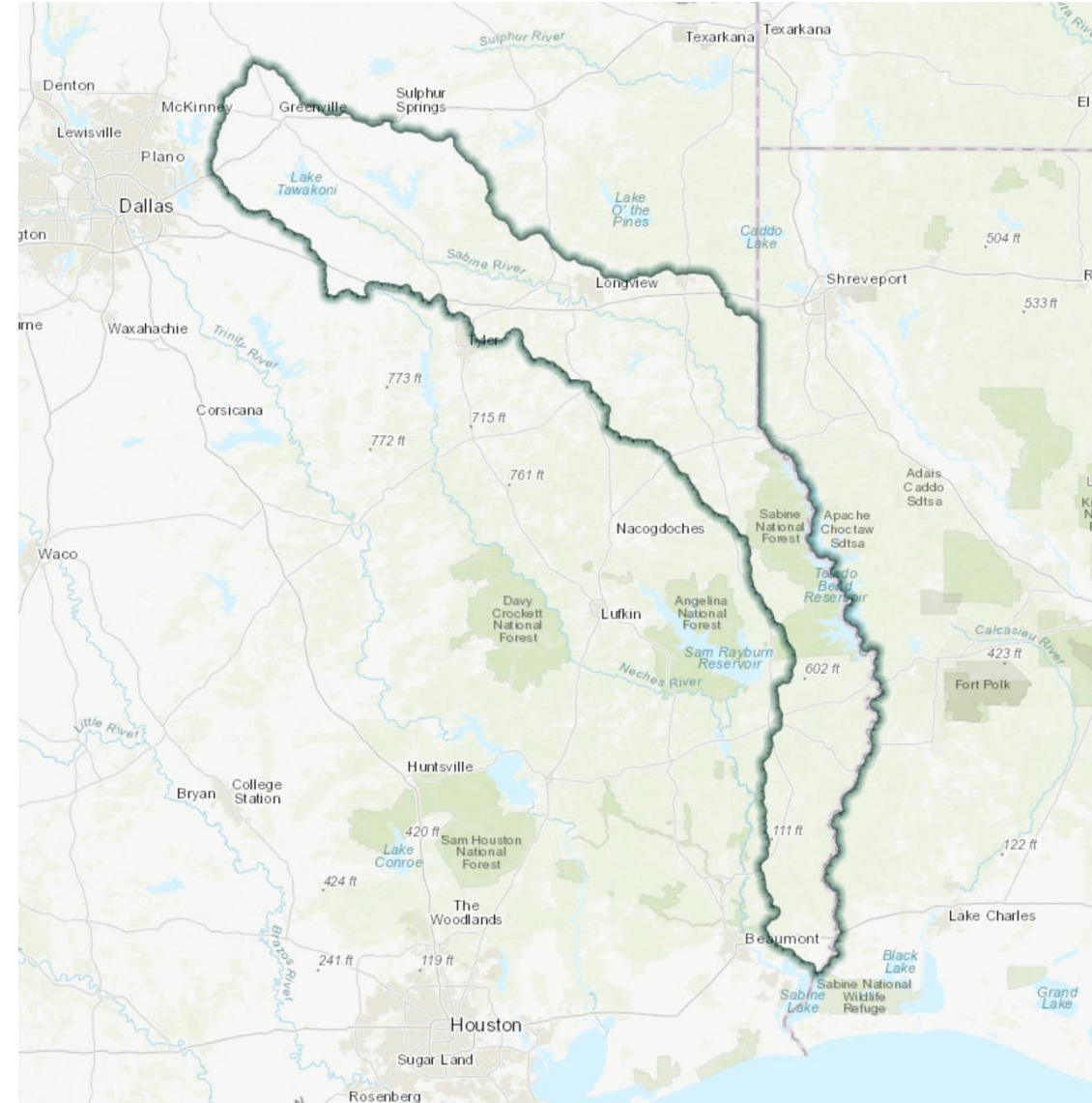
# Update from Consultant Team

Sabine River Regional Flood Planning Group (RFPG)

July 14, 2021

# Regional Flood Plan Updates

- Schedule
- RFP Items
- Data Collection / Survey / Stakeholder Outreach
- Existing Flood Risk Data
- Survey Demo
- Upcoming Schedule
- Discussion



# Planning Schedule

Items	TASKS	2021												2022												2023													
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
RFPG Meetings	-																																						
Planning Area Description	1																																						
Flood Risk Analysis	2																																						
FMPs and Mgmt Goals	3																																						
Mitigation Needs Analysis	4A																																						
Identify & Evaluate FMEs, FMSs, FMPs	4B																																						
Technical Memorandum	4C																																						
Recommend FMEs, FMSs, FMPs	5																																						
Impacts, Flood Response Activities/Financing	7/8/9																																						
Draft Regional Flood Plan	-																																						
Public Review	-																																						
TWDB Review	-																																						
Final Regional Flood Plan	-																																						

Work done by Region 4 RFPG

Major Deliverables

RFPG Meetings

Work done by Others

# Task 1 – Planning Area Description

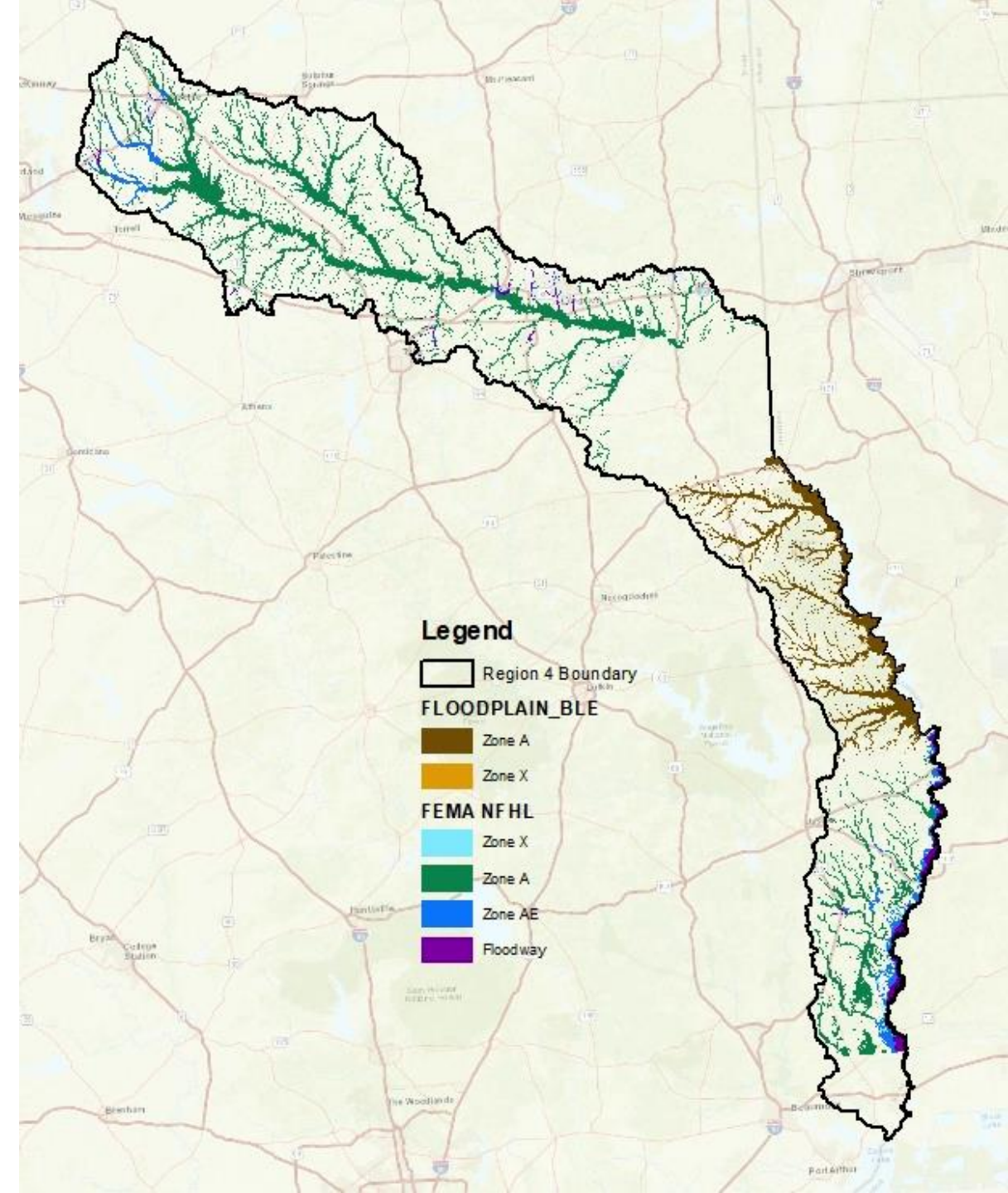
- GOALS:
  1. Describe Flood Planning Region
  2. Inventory and Assess Existing Infrastructure
  3. Describe Funded/Ongoing Flood Mitigation Projects

# Task 2 – Existing and Future Flood Hazard

- GOALS:
  1. Perform existing and future flood risk analyses
    - a. Hazard
    - b. Exposure
    - c. Vulnerability
- Hazard: Floodplain Quilt + Survey info
- Exposure: who/what might be exposed
- Vulnerability: critical structures + SVI
- **Maps made available to the public**

# Task 2 – Existing and Future Flood Hazard

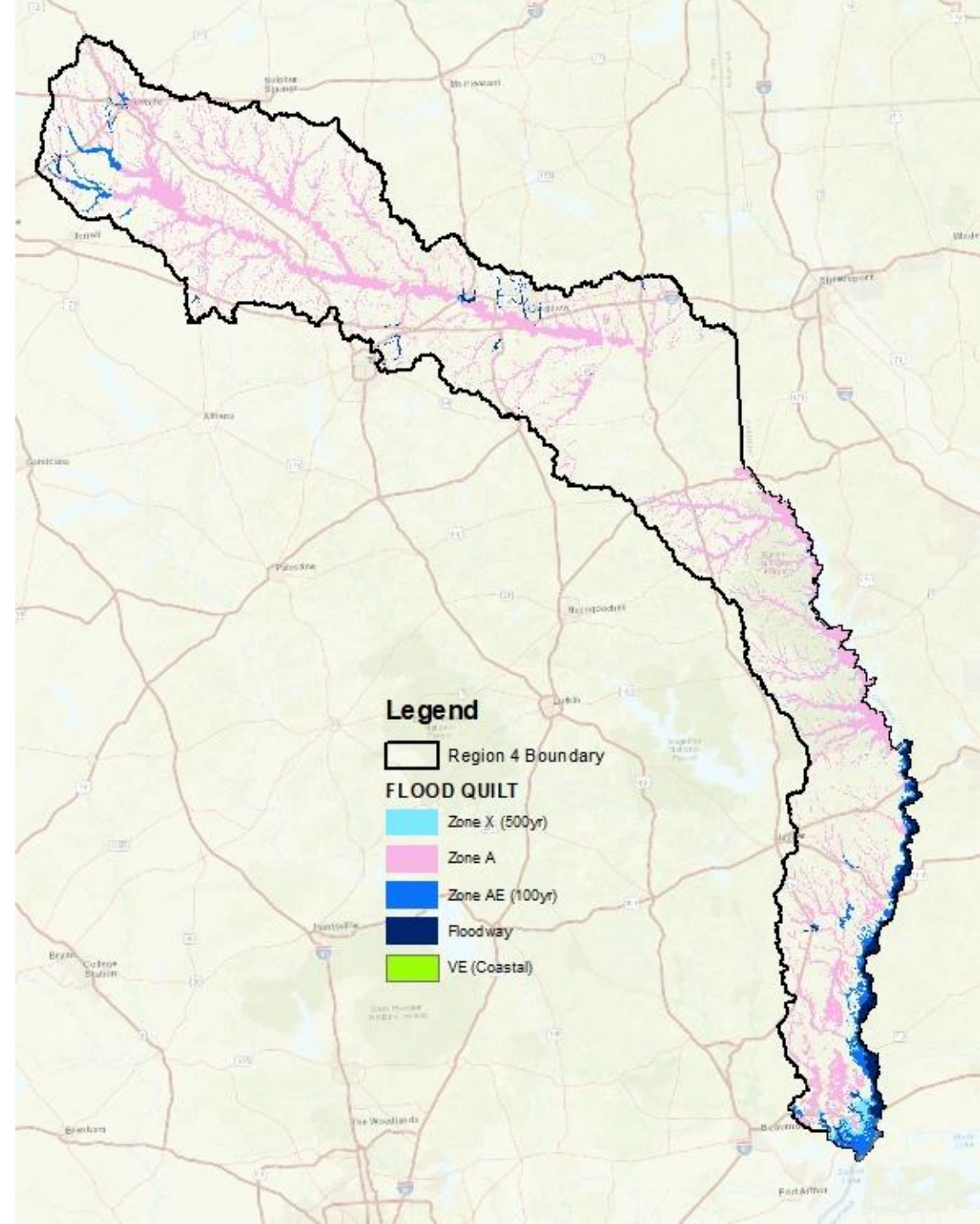
- Existing Flood Hazard
  - FEMA NFHL
  - Base Level Engineering (BLE)
  - First American Flood Data Services (FAFDS)





# Task 2 – Existing and Future Flood Hazard

- Floodplain Quilt
- Notes:
  - Mostly approximate Zone A's
  - Very few detailed studies in the entire watershed
  - No digital data in Panola County



# Data Collection / Survey / Stakeholders

## GIS Resources

*Texas Flood Planning*

The following GIS resources have been gathered to assist the Texas Regional Flood Planning Groups (RFPGs). Many of the referenced layers are intended for cartographic purposes. Before using layers for engineering or modeling, check the intended use on the original site.



Critical Infrastructure



Flood Infrastructure



Flood Risk



Hydrology



Jurisdiction Boundaries



Parks



Population



Property



Terrain



Transportation

Existing  
Flood  
Risk  
(RFP Task 2A)

Agencies

- Floodplain Quilt
- Fathom Data

Stakeholders

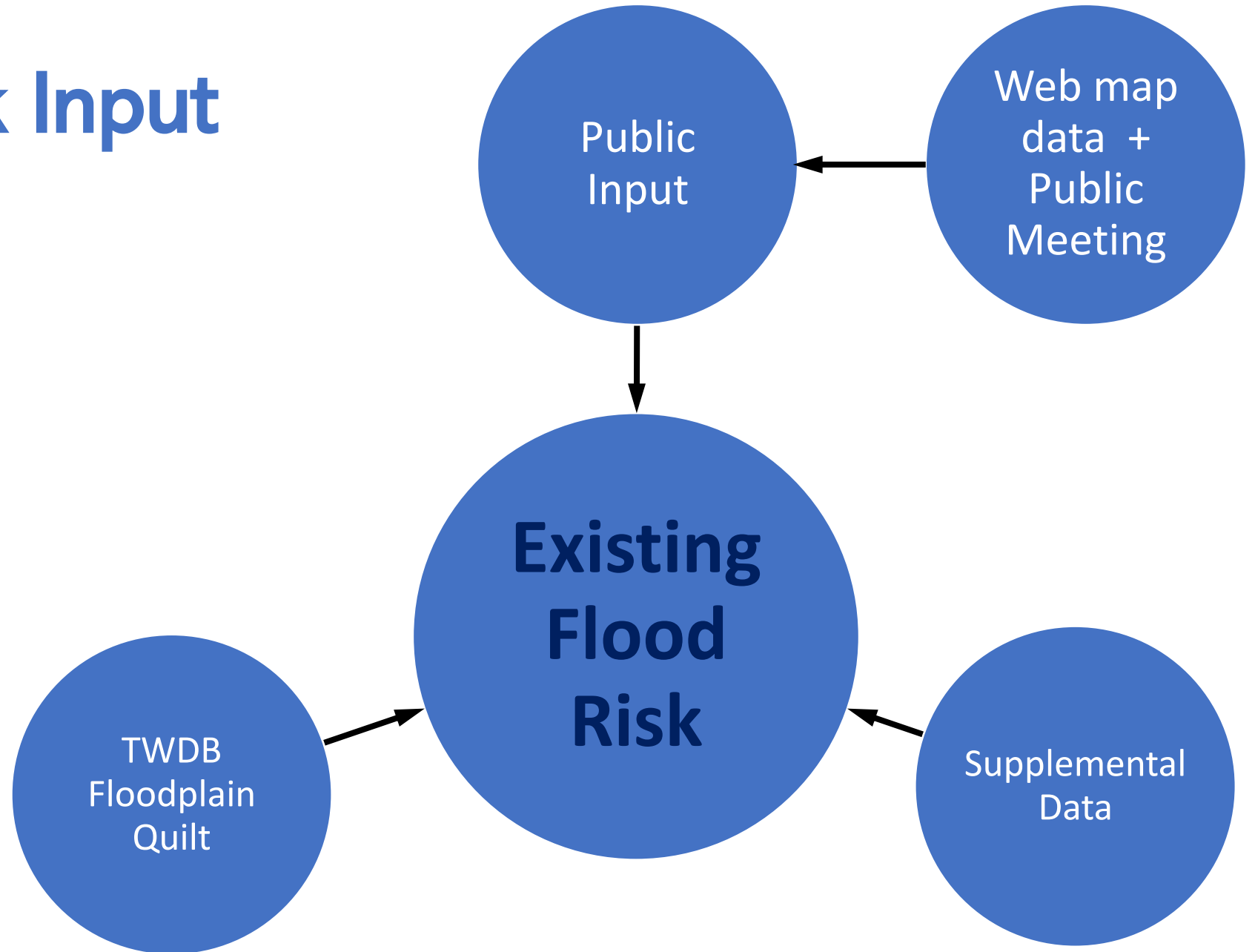
- Historic Flooding
- Previous Studies
- Existing Infrastructure
- Current/Proposed Projects

Public

- Historic Flooding
- Flood risk not captured



# Flood Risk Input



# Interactive Survey

## Interactive Webmap

- Flood Prone Areas
- Flood Management Projects

## Survey Questionnaire

- Based on user profile
  - Community official/stakeholder
  - Public

## Data Upload

- Limited to 100 MB
- Secure File Transfer Link for larger files

### Get Involved!

We are looking for your help to develop the first-ever flood plan for the Canadian-Upper Red Region. Please use the links below to provide your input.



#### Put it on the Map

Use the interactive map to help us identify areas of flood risk in your region.

[See the interactive map](#)



#### Take the Survey

Take the survey to provide input on flooding issues and floodplain management goals specific to your region.

[Take the Survey](#)



#### Upload Data

Help us collect data to strengthen this plan.

[Upload Data](#)

# Survey Demo

- Survey developed based on information requested during RFP cycle per TAC
- 54 Questions for local agencies/entities
- 15 Questions for public input

## ACTION ITEMS

- RFPG survey questions – input
- Recommending to go live with survey in late-July
- Determine how long to keep survey active

Sabine Regional Flood Plan Comment Survey

Sign In

### Flood Prone Areas

**Location**

Click the map to draw the location.

Enter an address to search

**Details**

What is impacted by the flooding? (required)

Select...

How often does the location flood? (required)

Select...

What level of storm intensity causes the area to flood? (required)

Select...

What appears to be the main cause of the flooding at each location? (required)

Select...

**Comments**

**Name**

**Email (required)**

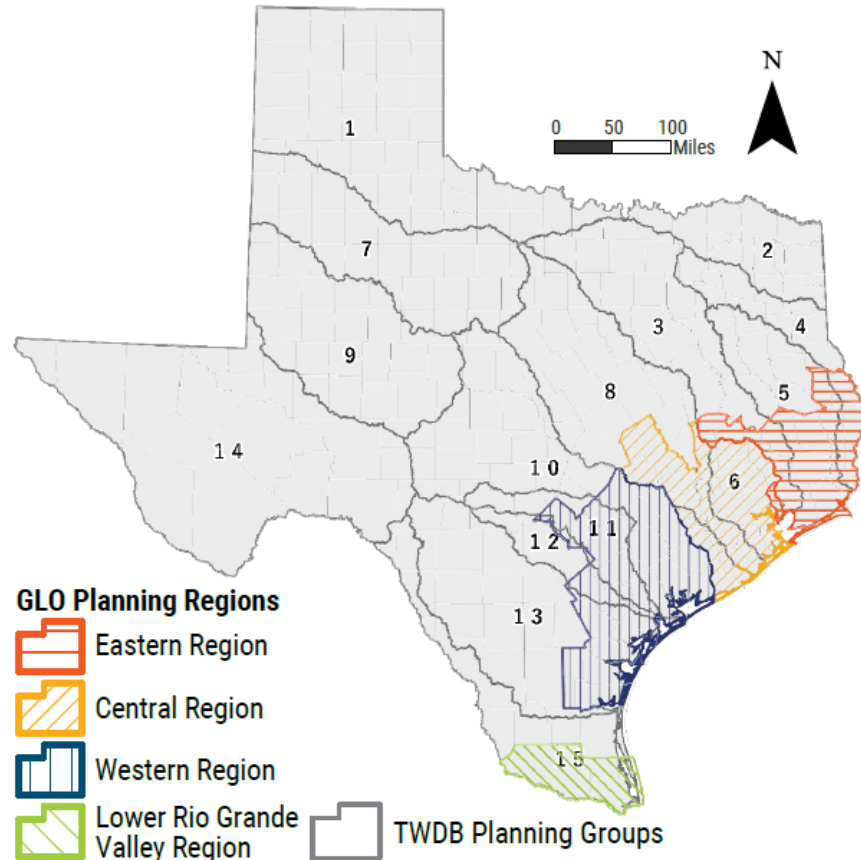
POWERED BY esri

Earthstar Geographics | Texas Parks & Wildlife, Esri, HER...

# GLO Coordination

## Flood Planning Areas

Texas General Land Office and  
Texas Water Development Board



- GLO PMs have *approved* coordination with RFP efforts
- GLO has *not yet approved* release of GLO survey results.
  - Can collect survey questions
  - Can collect list of stakeholders who have and have not responded to GLO survey

Opportunity: Leverage GLO survey to target future stakeholder outreach

# Task 3 – Eval. & Recommend Floodplain Management Practices

- GOAL:
  - 3A: Evaluate and make recommendations on floodplain management practices within the region
    - Identify and reduce risk and impact to life & property
    - Avoid increasing or creating new risk by addressing future development
  - 3B: Define overarching flood mitigation and management goals
    - Guides approach and recommendations
    - Short term (10yr) & long term (30yr)
    - Specific and achievable goals and will demonstrate progress upon implementation



# Task 4 – Flood Mitigation Needs Analysis

- GOAL: Evaluate and make recommendations on floodplain management practices within the region
  - Identify and reduce risk and impact to life & property
  - Avoid increasing or creating new risk
- 4A: Mitigation Needs Analysis
- 4B: FME / FMS / FMP
- 4C: Technical Memorandum

# Task 4 – Flood Mitigation Needs Analysis

- 4A: Mitigation Needs Analysis
  - Identify most flood prone areas (data + FPM performance)
  - Identify gaps
- 4B: Identify FME/FMS/FMP
  - FME: Areas with inadequate data which need a detailed study/evaluation
  - FMS: Strategy recommendations to reduce risk of flooding
  - FMP: Constructable projects to reduce flood risk
  - **ALL MUST BE VOTED ON/APPROVED BY RFPG ⇒ October**
- 4C: Technical Memorandum
  - **DUE JANUARY 2022 to TWDB**

# Planning Schedule

## JULY

- Consultant Team (CT) to present survey for review & approval
- Survey goes live to stakeholders and public in late July

## AUGUST

- CT to tentatively complete tasks 2A and 2B.
- Hold RFPG Meeting
  - Discuss date/format for public meeting (existing flood risk)
- Discuss Floodplain Mgmt Standards/Goals

## SEPTEMBER

- Hold public meeting to present existing flood risk
  - TWC 16.062(d)
- RFPG to decide on:
  - Floodplain Mgmt Standards
  - Regional Goals

## OCTOBER

- CT provides recommendations on FME/FMS/FMP for approval
- CT submits Technical Memo (Task 4C) to RFPG for review and comment.

# Discussion

