

**Upper Brazos Region
November 19, 2020
9:00 AM**

Join Zoom Meeting

<https://zoom.us/j/92857410551?pwd=dFdSRVcwc2tvZUZUdmNZVHY3dThTdz09>

Meeting ID: 928 5741 0551

Passcode: 241362

One tap mobile

+13462487799,,92857410551#,,,,,0#,,241362# US (Houston)

+16699006833,,92857410551#,,,,,0#,,241362# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 312 626 6799 US (Chicago)

+1 929 436 2866 US (New York)

+1 301 715 8592 US (Washington D.C) Meeting ID: 928 5741 0551

Passcode: 241362

Agenda:

1. Call to Order
2. Welcome
3. Public comments – limit 3 minutes per person
4. ACTION ITEM: Approval of minutes from the previous meeting.
5. TWDB Update and Presentation
6. ACTION ITEM: Consider nominating and electing RFPG Vice Chair and Secretary
 - a. Nominations for Vice Chair by members
 - b. Discussion and consider taking action to elect Vice Chair
 - c. Nominations for Secretary by members
 - d. Discussion and consider taking action to elect Secretary
7. ACTION ITEM: Consider nominating and electing member(s)-at-large to serve on the Executive Committee
 - a. Nominations for Executive Committee member(s)-at-large by members
 - b. Discussion and consider taking action to elect Executive Committee member(s)-at-large.
8. Update from Planning Group Sponsor regarding status of Regional Flood Planning Grant contract with the TWDB
 - a. Discussion on status of application for Regional Flood Planning Grant funds
 - b. Discussion of technical consultant procurement process
 - c. Discussion on Scope of Work posted with TWDB RFA
9. ACTION ITEM: Consider a means by which the RFPG will develop and host a public website (required per §361.21(b)).
10. ACTION ITEM: Discussion and consider taking action on group policies for handling public comments

- a. If you wish to provide written comments prior to or after the meeting, please email your comments to pbryant@spag.org or kdavila@spag.org and include "Region 7 Upper Brazos Flood Planning Group Meeting" in the subject line of the email.
 - b. If you wish to provide oral public comments at the meeting, please submit a request via email to pbryant@spag.org or kdavila@spag.org in advance of the meeting.
 - c. Additional information may be obtained from: South Plains Association of Governments; 1323 58th Street, Lubbock, Texas 79412 or via email at pbryant@spag.org .
11. ACTION ITEM: Consider a means by which the RFPG will accept written public comment prior to and after meetings (required per §361.21(c)).
 12. Discussion of the required solicitation for persons or entities who request to be notified of RFPG activities (required per §361.21(e)).
 13. Consider date and agenda items for next meeting
 14. Adjourn

Meeting Minutes
Region 7 Upper Brazos Flood Planning Group Meeting
Ocotober 29, 2020
9:00AM
GoToWebinar Virtual Meeting

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent () / Alternate Present (*)</u>
Dale Spurgin	<i>Agricultural interests</i>	X
Jennifer Davidson	<i>Counties</i>	X
Richard Blake Moore	<i>Electric generating utilities</i>	X
Richard Oller	<i>Environmental interests</i>	X (Arrived at Item 2)
Erin C. Stiggins	<i>Industries</i>	X
Michael Keenum	<i>Municipalities</i>	X
Ken Rainwater	<i>Public</i>	X
Michael McClendon	<i>River authorities</i>	X
Kyle Jacobson	<i>Small business</i>	X
Chris Wingert	<i>Water districts</i>	X
Aubrey A. Spear	<i>Water utilities</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent()/ Alternate Present (*)</u>
Jet Hays	General Land Office	X
Kelly Cook	Texas Commission on Environmental Quality	X
Carol Faulkenberry	Texas Department of Agriculture	X
Brian Hurtuk	Texas Division of Emergency Management	X
Jennifer Bronson Warren	Texas Parks and Wildlife Department	X
Jake Foote	Texas State Soil and Water Conservation Board	X
Ryke Moore	Texas Water Development Board	X

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **11**

Number required for quorum per current voting membership of 11: 6

Other Meeting Attendees: **

Brooke Paup, TWDB

James Bronikowski, TWDB (meeting facilitator)

Reem Zoun, TWDB

Matt Nelson, TWDB

Morgan White, TWDB

Richard Bagans, TWDB

Hayley Gillespie, TWDB

Anna Gonzalez, TWDB

Lann Bookout, TWDB

Patrick Lopez, TWDB

Aaron Abel
Holly Ahumada
Wade Barnes
Curtis Beitel
Gary Burke
Stephanie Castillo
Kelly Davila
Rene Franks
Stephanie Griffin
Scott Hubley
Heather Keister
Paula jo Lemonds
Kimberly Miller

Michael McKay
Shauna McMahon
Tim Pierce
Tom Ray
Jay Scanlon
Jean Schlitzkus
Rusty Smith
Jason Swofford
Katherine Thigpen
Matt Bucchin
Amin Kiaghadi
Benjamin Pylant

**Meeting attendee names were gathered from those who entered information for joining the GoToWebinar meeting.

All meeting materials are available for the public at:

<http://www.twdb.texas.gov/flood/planning/regions/schedule.asp>.

1. AGENDA ITEM NO. 1: Call to Order

James Bronikowski called the meeting to order at 9:06am. A roll call of the planning group members was taken to record attendance and a quorum was established prior to calling the meeting to order.

2. AGENDA ITEM NO. 2: Welcome, Meeting Facilitation Information and Instructions

James Bronikowski and Brooke Paup welcomed members to the meeting. James Bronikowski provided meeting facilitation information and instructions.

3. AGENDA ITEM NO. 3: Member Introductions

Each present voting and non-voting member of the Region 7 Upper Brazos RFPG introduced themselves.

James Bronikowski introduced supporting TWDB staff including Matt Nelson, Reem Zoun, and Morgan White.

4. AGENDA ITEM NO. 4: Regional Flood Planning Overview Presentation

James Bronikowski presented an overview of the regional flood planning process.

5. AGENDA ITEM NO. 5: Discussion of group bylaws and consider adopting group bylaws

James Bronikowski presented the model bylaws provided by the TWDB for the RFPG to consider adopting and opened discussion on adopting group bylaws. James Bronikowski opened the floor to discussion.

The members discussed and made edits to the model bylaws regarding the following topics: designated alternates, meeting minutes, executive committee, initial and regular officer elections, non-voting member liaisons, and adopting and amending the bylaws.

A motion was made by Chris Wingert to adopt the bylaws, as revised.

The motion was seconded by Aubrey Spear.

The vote to adopt the group bylaws passed by a vote of 10 Ayes and 0 Nays.

6. AGENDA ITEM NO. 6: Consider nominating and electing regional flood planning group Chair or Interim Chair

James Bronikowski described the Chair/Interim Chair election process and opened the floor to nominations for the Chair or Interim Chair position.

A nomination of Dale Spurgin as the Chair was made by Chris Wingert.

A nomination of Michael Keenum as the Chair was made by Aubrey Spear.

Dale Spurgin introduced himself and spoke on his own behalf as a possible chair for the RFPG.

Aubrey Spear spoke on Michael Keenum's behalf and Michael Keenum spoke on his own behalf as a possible chair for the RFPG.

Members were voted on in the order in which they were nominated to serve as Chair.

Judge Dale Spurgin received 4 Aye votes. Jennifer Davidson, Richard Oller, Erin C. Stiggins, Michael Keenum, Ken Rainwater, and Aubrey A. Spear abstained from the vote.

Michael Keenum received 6 Aye votes. Dale Spurgin, Richard Blake Moore, Michael McClendon and Chris Wingert abstained from the vote. Michael Keenum was selected as the Chair of the Region 7 RFPG.

7. AGENDA ITEM NO. 7: Consider selecting a planning group sponsor to act on behalf of the regional flood planning group

James Bronikowski opened the floor to public comments. No public comments were given.

James Bronikowski listed the entities that had expressed interest in serving as the Region 7 Upper Brazos RFPG's planning group sponsor. These interested entities included:

City of Abilene

City of Lubbock

South Plains Association of Governments

James Bronikowski asked if any there was anyone in the audience that represented a political subdivision that was interested in acting as the planning group sponsor. No additional interested entities came forward to express interest.

James Bronikowski opened discussion on selecting a planning group sponsor to act on behalf of the RFPG.

The members discussed the entities interested in serving as the planning group sponsor and the possibility of having rotating meeting locations.

Kelly Davila from the South Plains Association of Governments spoke on their behalf as a potential planning group sponsor.

A motion was made by Jennifer Davidson to select the South Plains Association of Governments as the designated planning group sponsor for the Region 7 Upper Brazos RFPG.

Rich Oller seconded the motion.

The vote to select the South Plains Association of Governments as the planning group sponsor to act on behalf of the RFPG passed by a vote of 10 Ayes and 0 Nays.

8. AGENDA ITEM NO. 8: Consider additional, region-specific public notice requirements, if any, that might be necessary to ensure adequate public notice in the region per 31 Texas Administrative Code §361.12(3).

James Bronikowski opened the floor to public comments. No public comments were given.

Matt Nelson described existing notice requirements and opened discussion on identifying additional, region-specific public notice requirements.

The members discussed notice requirements. No action was taken. James Bronikowski closed discussion on AGENDA ITEM NO. 8.

9. AGENDA ITEM NO. 9: Consider authorizing the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG

James Bronikowski opened discussion on authorizing the RFPG sponsor to apply for grant funds and to enter into a contract with the TWDB on behalf of the RFPG.

The members discussed and asked for clarification on funding allocation and the scope of work. Matt Nelson provided information on these topics.

A motion was made by Dale Spurgin to authorize the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG.

The motion was seconded by Aubrey Spear.

The vote to authorize the RFPG sponsor to apply for grant funds and enter into a contract with the TWDB on behalf of the RFPG passed by a vote of 10 Ayes and 0 Nays.

10. AGENDA ITEM NO. 10: Discussion of necessary additional voting and non-voting positions that may be needed to ensure adequate representation from the interest in the region

James Bronikowski opened the floor to public comments. No public comments were given.

James Bronikowski opened discussion additional voting and non-voting positions that may be needed to ensure adequate representation from the interest in the region.

The members discussed adding a liaison for the Lower Brazos at a future meeting. Members also discussed flood districts in the Upper Brazos.

No action was taken. James Bronikowski closed discussion on AGENDA ITEM NO. 10.

11. AGENDA ITEM NO. 11: Receive general public comments (Public comments limited to 3 minutes per speaker)

James Bronikowski opened the floor to public comments.

Gary Burke with US Geological Survey offered support to the group.

Seeing no remaining members of the public wishing to provide public comment, James Bronikowski closed the floor to public comments.

12. AGENDA ITEM NO. 12: Consider date and agenda items for next meeting

James Bronikowski opened discussion to consider the date and agenda items for the next meeting. After discussion, the members set the next meeting date for November 19, 2020 at 9:00AM.

13. Adjourn

A motion was made by Rich Oller to adjourn.

The motion was seconded by Ken Rainwater.

The meeting adjourned at 12:05PM by James Bronikowski.

Approved by the Region 7 Upper Brazos RFPG at a meeting held on November 19, 2020.

FIRST AND LAST NAME, SECRETARY

FIRST AND LAST NAME, CHAIR

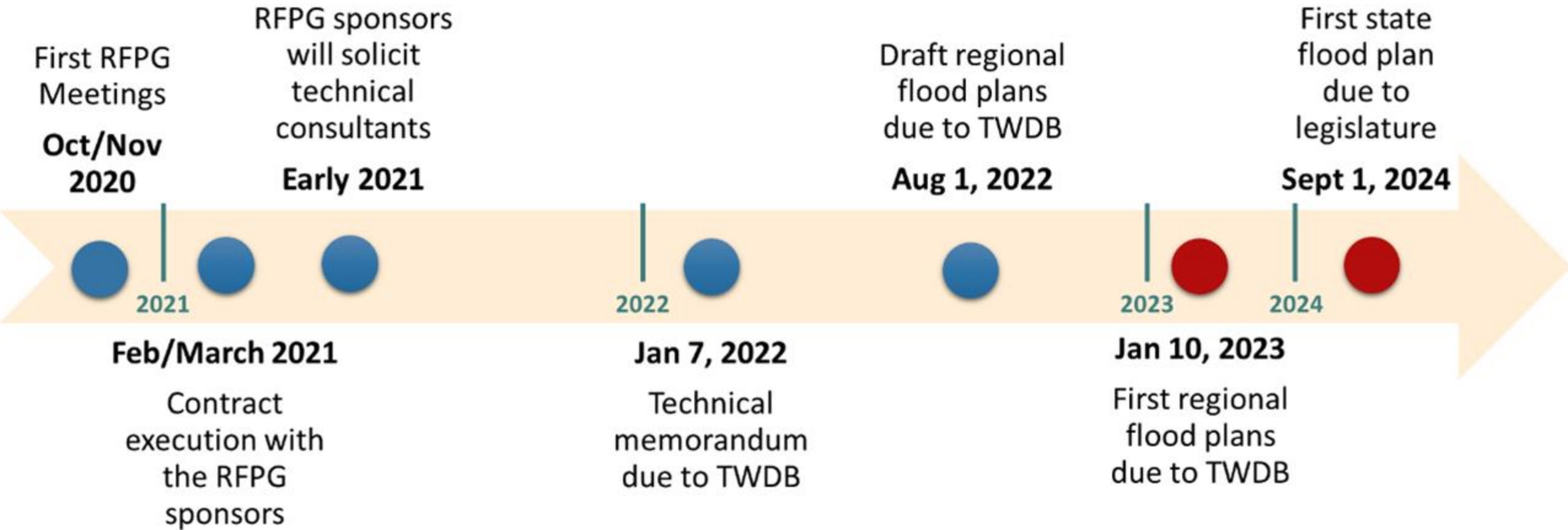
Texas Water Development Board Flood Planning Presentation Regional Flood Planning Group 2nd Meeting

TABLE OF CONTENTS:

- RFA Process & Funding Summary (5 minutes)
 - Flooding 101 (20 minutes)

RFA Process & Funding Summary

Flood Planning Timeline



Regional Flood Planning Grant RFA

Highlights:

- Request for authorization to post RFA is a November 19th, 2020 TWDB Board item.
- \$19.5 million available funds (allocated between 15 regions)



Board Memo with attachments (RFA, Scope of Work, etc.) will be publicly posted prior to the meeting on:

<https://www.twdb.texas.gov/board/2020/11/board2/index.asp>

RFA and Contracting Process

- Sponsors will submit applications between November 20, 2020 - January 21, 2021.
- Applications will be processed as received.
- TWDB will begin contract execution process as soon as possible, but no later than March 2021.

Flooding 101

Flooding 101: Watersheds

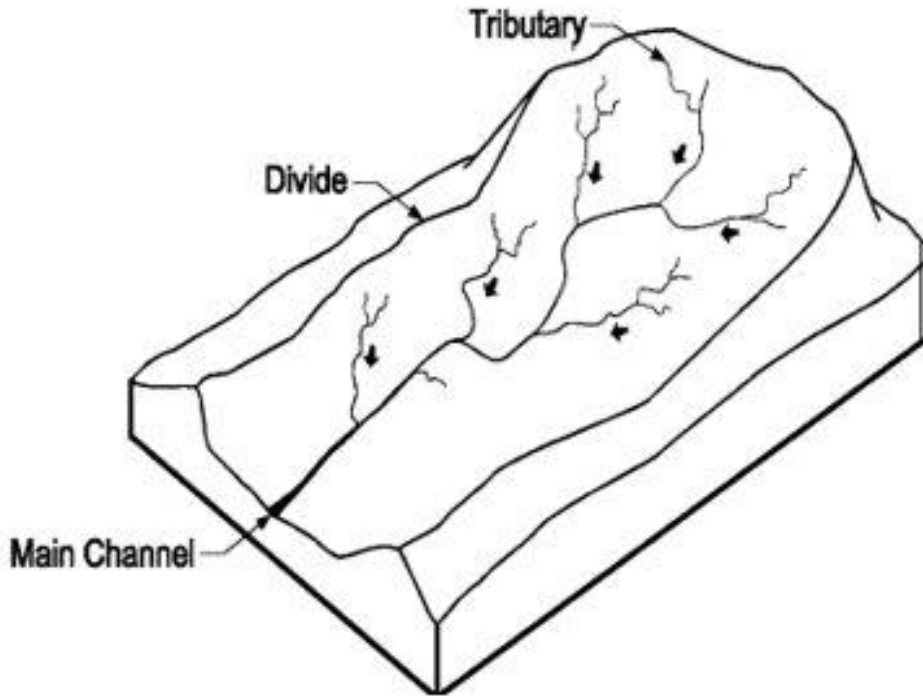
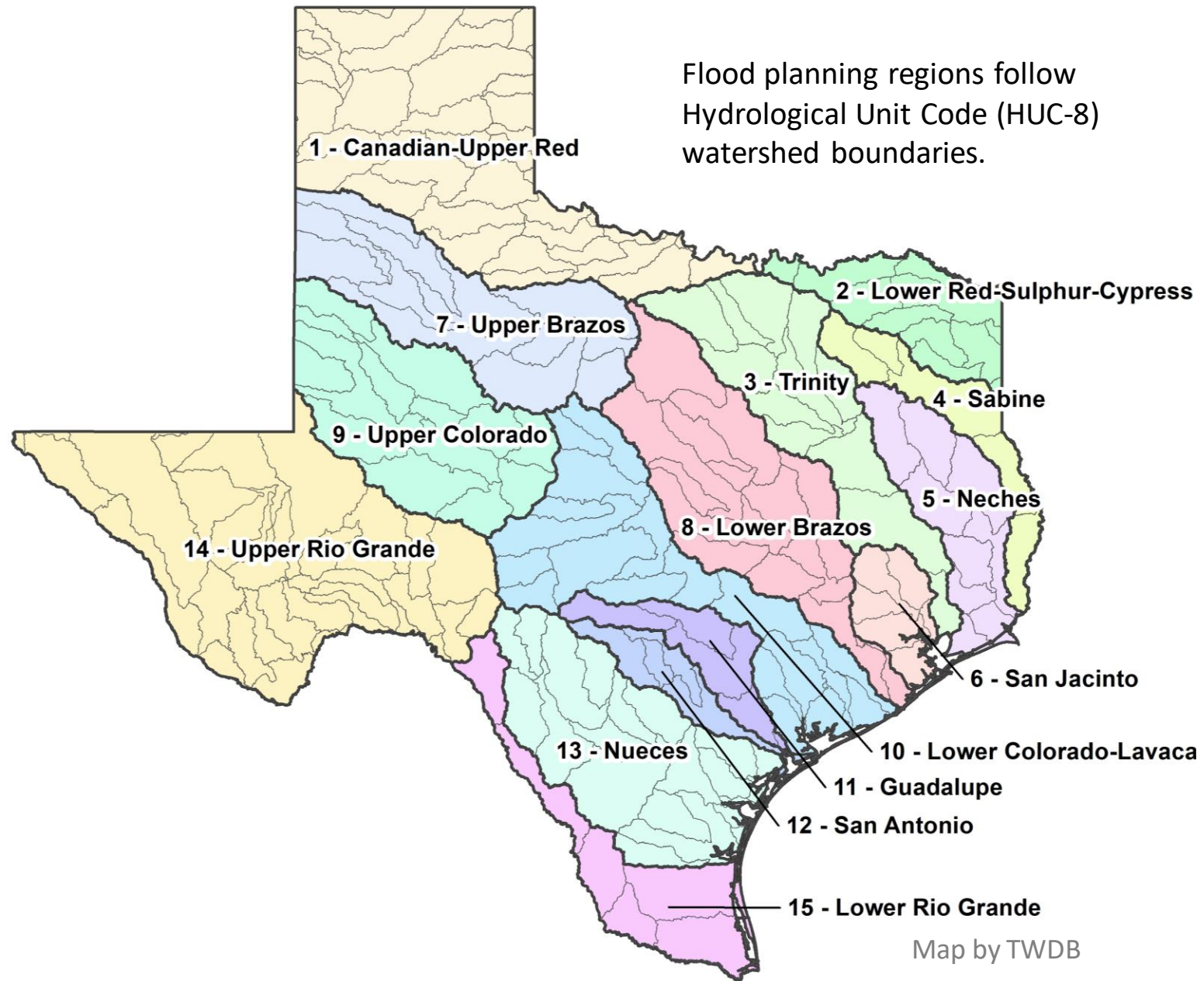


Figure 1-2. Riverine Watershed and Floodplain

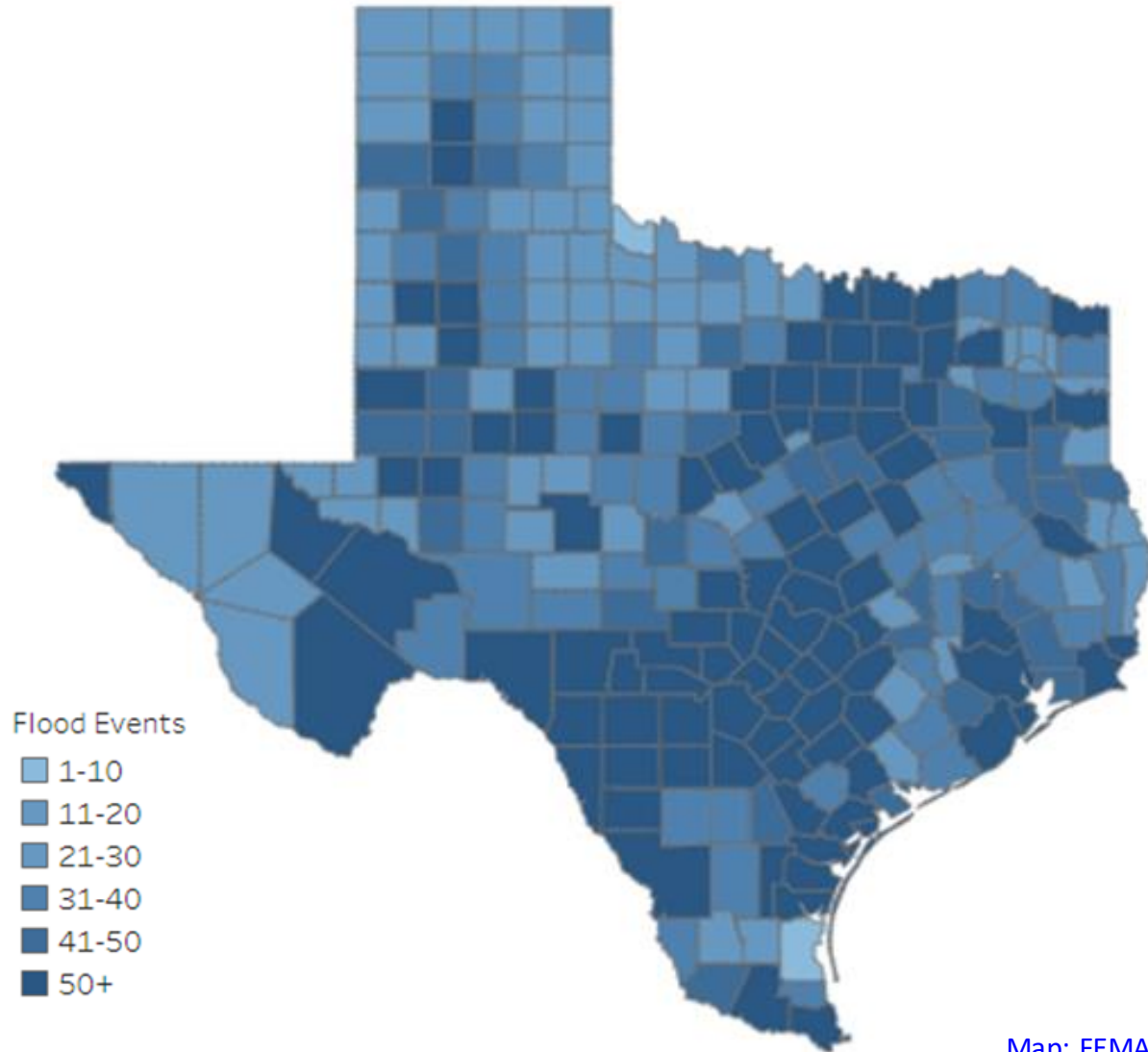
Image by FEMA



Flood planning regions follow Hydrological Unit Code (HUC-8) watershed boundaries.

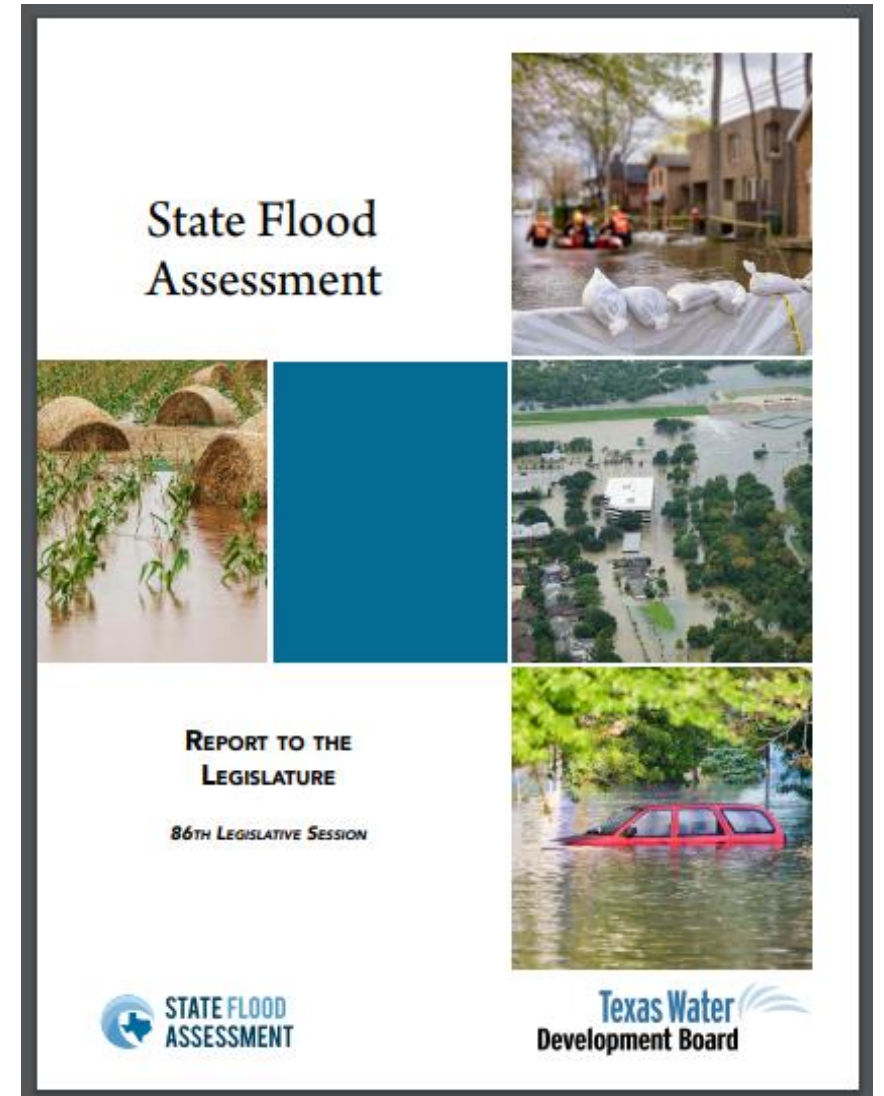
Map by TWDB

Flooding 101: Flooding in Texas



Map: FEMA

Data: NOAA Storm Event Database 1996-2020



-State Flood Assessment, 2019

Flooding 101: What is a Flood?

A general and temporary condition of partial or complete inundation of normally dry land area from overflow of inland or tidal waters or from the unusual and rapid accumulation or runoff of surface waters from any source.



Agricultural flooding damaging crops and hay.

Flooding 101: Floodplains

The area of land subject to periodic inundation by floodwaters.

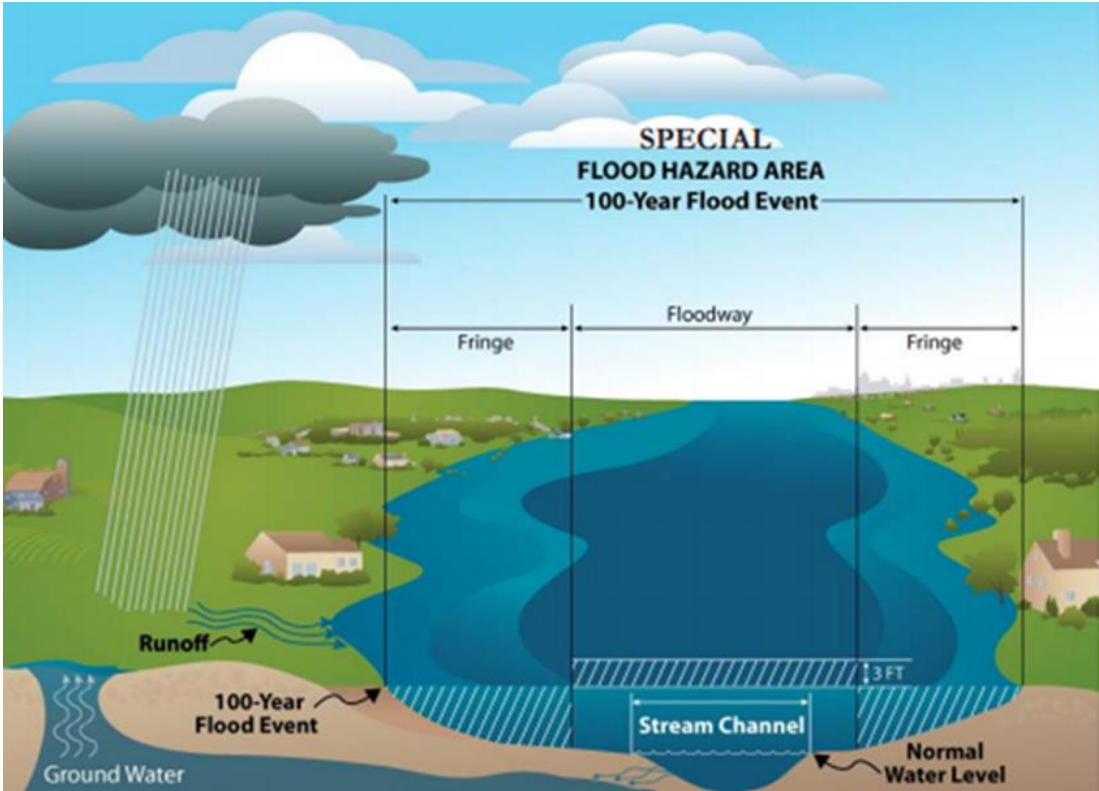


Image: FEMA



Image: FEMA

Flooding 101: Benefits of Floods

When floodplains are preserved in their natural state, they provide many benefits:

- Reduce severity of floods by storing floodwaters, reducing flood velocities, and curbing sedimentation and erosion
- Contribute to groundwater recharge
- Provide recreation and quality of life
- Create habitats for many plants and animals.

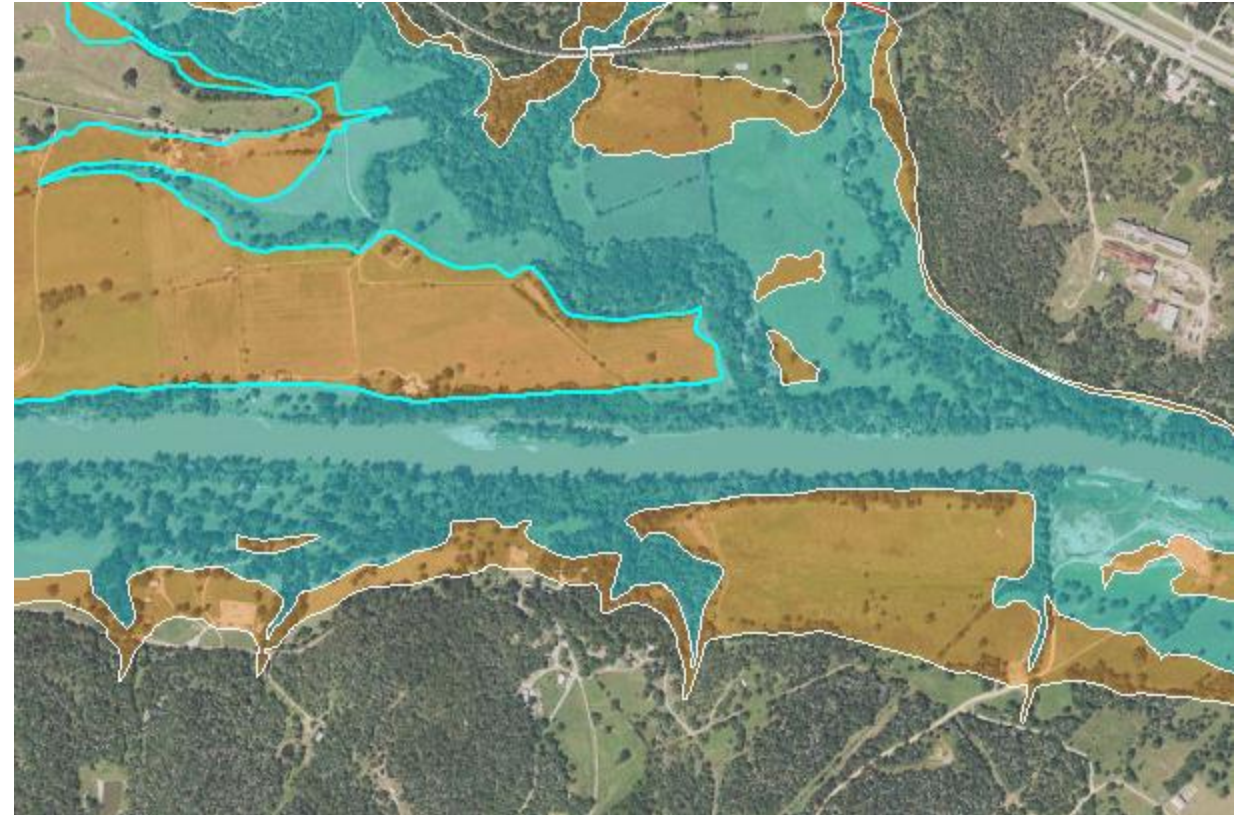


Wetlands at Galveston Island State Park provide natural ecosystem services.

Image: [Yinan Chen CC-PD](#)

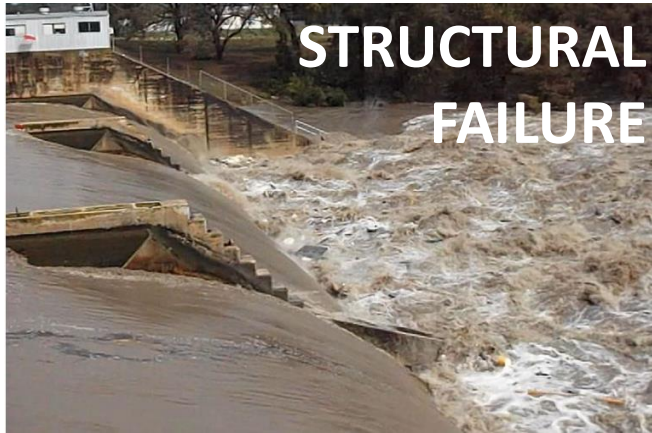
Flooding 101: Quantifying Flood Events

- 1.0% annual chance flood event
 - flood event having a 1.0% chance of happening in any given year
 - also referred to as the "base flood" or "100-year flood"
- 0.2% annual chance flood event
 - flood event having a 0.2% chance of happening in any given year
 - also referred to as the "500-year flood"



The 1% annual chance floodplain is shown in blue.
The 0.2% annual chance floodplain is shown in orange.
Image by FEMA

Flooding 101: Types of Flooding



2019 Lake Dunlap Spillway Failure.
Guadalupe-Blanco River Authority



Texas National Guard, Houston, TX
Texas National Guard CC-BY-2.0



Blue Hole Park, South San Gabriel River,
Georgetown, TX. FEMA



Flash flooding in San Marcos, TX. [CC-BY-SA-3.0](#)



Cadillac Ranch sculpture near Amarillo, TX.
© Rachel Goad, used by permission.



Coastal flooding in Galveston, TX
[pixabay, no attrib. req.](#)

Flooding 101: Flood Mitigation

The implementation of actions, including both **structural** and **non-structural solutions**, to reduce flood risk to protect against the loss of life and property.



Mangroves on the Texas Coast stabilize shorelines and help absorb storm surge; an example of a non-structural flood mitigation solution.

Photo by Univ. Of Texas Marine Science Institute



Galveston Seawall, a structural flood mitigation solution. Image by [Yinan Chen CC-PD](#)

Flooding 101: Structural Solutions to Flooding

Examples include the construction of levees, dikes, floodwalls/seawalls, dams, channel alterations, culverts, flood gates, and detention and retention basins.



Anzelduas Dam on the Rio Grande near Mission, TX. Image: TWDB



Storm Drains



Streambank Stabilization in Austin, TX. Image by City of Austin Watershed Protection

Flooding 101: Non-Structural Solutions to Flooding

Examples include open space preservation, property buyouts and relocation, zoning and building codes, wetland restoration, elevated structures, flood warning systems, educational campaigns, and participation in the National Flood Insurance Program.



Homes that survived the ~20-foot-high storm surge of Hurricane Ike in Bolivar Peninsula, near the community of Caplen.

Image: TWDB



Turn Around, Don't Drown educational campaign.

Image: Weather.gov



Engineered Wetlands in in the Houston Audubon Society's The Oaks Nature Preserve . Image: TWDB

Flooding 101: National Flood Insurance Program

Based on an agreement between local communities and the federal government.

- Local communities agree to adopt floodplain management regulations to reduce flood risks
- The federal government makes flood insurance and disaster assistance available to the community



Image by FEMA / National Flood Insurance Program

Future Presentation Topics

- TWDB Regional Flood Planning Grant:
 - RFA Details
 - Summary of Scope of Work
- What else would your group like to have presented?



Shoal Creek flooding, Austin, TX. Image: TWDB

Questions?