

Region 3 Trinity Flood Planning Group Meeting
December 17, 2020
10:00AM to 12:00PM
Publicly Accessible Videoconference
(details below)

Meeting will be conducted via WebEx at:

<https://trinityra.webex.com/trinityra/onstage/g.php?MTID=eea2e240948ebd1b26f019a504d891179>

Audio only without the ability to participate may be heard at:

408-418-9388; access code 146 976 6462

Agenda:

1. Call to order
2. Welcome
3. Approval of minutes from the previous meeting
4. TWDB update and presentation
5. Consider additional mandatory non-voting member positions
 - a. Public Comments - limited to 3 minutes per speaker
 - b. Discussion and consider adding addition members
 - i. Federal Emergency Management Agency
 - ii. United States Army Corps of Engineers
 - iii. National Weather Service
6. Appoint Nominating Committee to fill the Agricultural mandatory, voting position
7. 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
8. Consider authorizing the TRFPG Political Subdivision to prepare and disseminate a Request for Proposals to identify technical consultants for the 2026 Regional Water Plan
9. Discussion of the means by which the RFPG will develop and host a public website (required per §361.21(b))
10. Consider a means by which the RFPG will accept written public comment prior to and after meetings (required per §361.21(c))
11. Discussion of the required solicitation for persons or entities who request to be notified of RFPG activities (required per §361.21(e))
12. Receive general public comments – limit 3 minutes per person
13. Consider and adopt calendar of meetings for 2021
14. Consider agenda items for next meeting
15. Adjourn

If you wish to provide oral public comments at the meeting, please email Alexis Long at longas@trinityra.org no later than 9:00AM on December 17, 2020.

If you wish to provide written comments prior to or after the meeting, please email your comments to longas@trinityra.org and include "Region 3 Trinity Flood Planning Group Meeting" in the subject line of the email.

If you choose to participate via the WebEx App, you WILL have the opportunity to provide comments during the designated portion of the meeting. Please use <https://trinityra.webex.com/trinityra/onstage/g.php?MTID=eaa2e240948ebd1b26f019a504d891179>

If you choose to participate in the meeting using the conference call number below, you will NOT have the opportunity to provide comments during the designated portion of the meeting. The conference call phone number is provided for LISTENING PURPOSES ONLY. Telephone conference call phone number: 408-418-9388 and the audio access code is 146 976 6462.

Region 3 Trinity Flood Planning Group will hold a public meeting via WebEx pursuant to Texas Government Code, Section 551.127, as modified by the temporary suspension of various provisions in accordance with the Governor's March 13, 2020 proclamation related to, the COVID-19 pandemic.

Additional information may be obtained from:

Alexis Long at: (817) 467-4343 or by email at: longas@trinityra.org

Physical location: 5300 South Collins Street, Arlington, TX 76018

Trinity Flood Planning Group

Region 3



December 17, 2020

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Mandatory Non-Voting Members

Interest Classification

Texas Parks and Wildlife

Texas Division of Emergency Management

Texas Department of Agriculture

Texas State Soil and Water Conservation Board

General Land Office

Texas Water Development Board

Texas Commission on Environmental Quality

United States Army Corps of Engineers

National Weather Service West Gulf River Forecast Center

Federal Emergency Management Agency

Region 5 (Angelina-Neches/Neches-Trinity Coastal) Liaison

Region 6 (San Jacinto) Liaison



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Update From Planning Group Sponsor

- Status of application for Regional Flood Planning Grant funds
- Discussion of technical consultant procurement process
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2021 Calendar

DRAFT Calendar of Action Items.

- January –
 - Distribute Solicitations for Primary Consulting Firm
 - Receive Proposals for Primary Consulting Firm
- February –
 - Act on nominating Committee's recommendation for Agricultural Interest Category
 - Elect Officers
 - Select Primary Consultant
- March, May, July, September, November

Action – determine specific dates and times for each month, and adopt the calendar



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Meeting Minutes
Region 3 Trinity Flood Planning Group Meeting
Tuesday, October 27, 2020
9:00 AM
GoToWebinar Virtual Meeting

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) /Absent () / Alternate Present (*)</u>
Vacant	<i>Agricultural interests</i>	
Lissa M. Shepard	<i>Counties</i>	x
Sano Blocker	<i>Electric generating utilities</i>	x
Jordan Macha	<i>Environmental interests</i>	x
Rachel A. Ickert	<i>Flood districts</i>	x
Matt Robinson	<i>Industries</i>	x
Sarah Standifer	<i>Municipalities</i>	x
Andrew Isbell	<i>Public</i>	x
Glenn Clingenpeel	<i>River authorities</i>	x
Gerardo Ocanas	<i>Small business</i>	x
Mike Rickman	<i>Water districts</i>	x
Scott Harris	<i>Water utilities</i>	x

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent ()/ Alternate Present (*)</u>
Adam Whisenant	Texas Parks and Wildlife Department	x
Brian Hurtuk	Texas Division of Emergency Management	x
Rob Barthen	Texas Department of Agriculture	x
Steve Bednarz	Texas State Soil and Water Conservation Board	x
Jonah Chen	General Land Office	x
Richard Bagans	Texas Water Development Board (TWDB)	x
Kevin McCalla	Texas Commission on Environmental Quality	x

Quorum:

Quorum: **Yes**

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

Number required for quorum per current voting positions of 12: 7

Other Meeting Attendees: **

James Bronikowski, TWDB (Meeting Facilitator)

Brooke Paup, TWDB Board Member

Reem Zoun, TWDB

Matt Nelson, TWDB

Morgan White, TWDB

Annette Mass, TWDB

Temple McKinnon, TWDB

Ryke Moore, TWDB

Jennifer White, TWDB

Robert Amstrong

Cate Ball

Chad Ballard

Mia Brown
David Brown
Stephanie Castillo
Jon Clingaman
Tamara Cook
Angela Davidson
Melissa Eckert
Michelle Ellis
Nick Fang
Heather Firn
Alberto Flores
Kevin Glaub
Danielle Goshen
Stephanie Griffin
Jenniffer Hawes
Tina Hendon
Duane Hengst
Bret Higginbotham
Scott Hubley
Chris Johnson
Jim Keith
Amin Kiaghadi
Joy Kimbrough

Matthew Lepinski
Kimber Miller
Web Mangham
Edith Marvin
Shaun Miller
Kyle Moynihan
Will Norman
Jason Pierce
Tim Porter
Benjamin Pylant
Jinwei Qiu
Paul Robinson
Jim Sims
Howard S Slobodin
Bill Smith
Amy Stelter
Theodore Stranczek
Cory Stull
Philip Taucer
Ollie Trager
Kevin Ward
Hector Olmos

**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

Matt Nelson called the meeting to order at 9:02 AM. 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

Matt Nelson and TWDB Director Kathleen Jackson welcomed members to the meeting. Matt Nelson provided meeting facilitation information and instructions.

3. AGENDA ITEM NO. 3: Member Introductions

Each present voting and non-voting member of the Region 3 Trinity RFPG introduced themselves.

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

Matt Nelson presented an overview of the regional flood planning process.

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

Matt Nelson presented the model bylaws provided by the TWDB for the RFPG to consider adopting and opened discussion on adopting group bylaws.

The members discussed and made edits to the model bylaws regarding the following topics: responsibilities of the planning group sponsor, voting members' terms of office, selecting voting members, removing voting members, mandatory non-voting members, designated alternates, executive committee and officers, special meetings, meeting minutes, making decisions, forming committees, required documents, and amending the bylaws. Most voting requirements were modified to require 2/3rds affirmative votes. The term "Model RFPG" was replaced throughout with "Region 3 Trinity RFPG."

The members discussed discretionary non-voting members and document retention. No changes were made regarding these topics.

A motion was made by Sarah Standifer to accept and approve the bylaws as discussed, placing a ratification on the upcoming meeting agenda to include the additional positions and clarification of the nominating committee.

The motion was seconded by Mike Rickman.

The vote to adopt the group bylaws passed by a vote of 11 Ayes and 0 Nays.

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

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

Members discussed needing more time getting to know one another before selecting a Chair.

A nomination of Glenn Clingenpeel as the Interim Chair was made by Andrew Isbell.

A nomination of Sarah Standifer as the Interim Chair was made by Rachel Ickert.

The nominations were voted on in the order received.

The vote to select Glenn Clingenpeel as the Interim Chair of Region 3 Trinity RFPG passed by a vote of 8 Ayes and 1 Nay. Rachel Ickert and Sarah Standifer abstained from the vote.

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

Glenn Clingenpeel opened the floor to public comments.

Edith Marvin reaffirmed North Central Texas Council of Government's interest in serving as the planning group sponsor.

Matt Nelson listed the entities that had expressed interest in serving as the Region 3 Trinity RFPG's planning group sponsor. These interested entities included:

North Central Texas Council of Government (NCTCOG)

Trinity River Authority (TRA)

Matt Nelson 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.

Matt Nelson opened discussion on selecting a planning group sponsor to act on behalf of the RFPG.

The members discussed selecting a planning group sponsor. Upon request, the TWDB shared TRA's sponsor interest letter on screen.

Members discussed rotating meeting locations.

A motion was made by Sarah Standifer to select Trinity River Authority as the designated planning group sponsor for Region 3 Trinity RFPG.

Sano Blocker seconded the motion.

The vote to select Trinity River Authority as the planning group sponsor to act on behalf of the RFPG passed by a vote of 10 Ayes and 1 Nay.

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).

Glenn Clingenpeel 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.

No points nor comments/concerns were brought forth during open discussion.

No action was taken. Glenn Clingenpeel 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

Glenn Clingenpeel 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.

No points nor comments/concerns were brought forth during open discussion.

A motion was made by Matt Robinson 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 Lissa Shepard.

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 11 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

Matt Nelson opened the floor to public comments.

Edith Marvin reaffirmed NCTCOG's interest in participating in the regional flood planning process.

Noting the remaining time for the meeting, members decided to proceed to Item 11 and returned to this item after Item 12 (Public Comment). Glenn Clingenpeel opened discussion on additional voting and non-voting positions that may be needed to ensure adequate representation from the interest in the region.

Members discussed the representation of COGs within the RFPG.

No actions were taken. Glenn Clingenpeel closed discussion on AGENDA ITEM NO. 10.

11. AGENDA ITEM NO. 11: Consider initiating RFPG solicitation process for individuals to fill vacant required voting member positions

Glenn Clingenpeel opened the floor to public comments. No public comments were given.

Glenn Clingenpeel opened the floor to discussion on initiating RFPG solicitation processes for individuals to fill the vacant required voting member position. The current vacant, required voting position for Region 3 Trinity RFPG is:

Currently Vacant: *Agricultural interests*

Glenn Clingenpeel suggested to postpone taking action to a later meeting to form a nomination committee.

No action was taken. Glenn Clingenpeel closed discussion on AGENDA ITEM NO. 11.

12. AGENDA ITEM NO. 12: Receive general public comments (Public comments limited to 3 minutes per speaker)

Glenn Clingenpeel opened the floor to public comments.

Edith Marvin thanked the group for their commitment to the regional flood planning process.

13. AGENDA ITEM NO. 13: Consider date and agenda items for next meeting

Glenn Clingenpeel opened discussion to consider the date and agenda items for the next meeting.

After discussion, Glenn Clingenpeel stated that the next meeting will be on January 6, 2021 at 9:00 AM.

Potential agenda items include selecting officers and members of the executive committee, adding voting and/or nonvoting positions, and amending the bylaws to form the nominating committee.

14. Adjourn

The vote to adjourn passed by unanimous consent.

The meeting adjourned at 11:59 PM by Glenn Clingenpeel.

Approved by the Region 3 Trinity RFPG at a meeting held on January 6, 2021 at 9:00 AM.

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:

- Flooding 101 (20 minutes)
- Request for Applications Process & Contract Details (5 minutes)

Flooding 101

(20 minutes)

Flooding 101: Watersheds

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

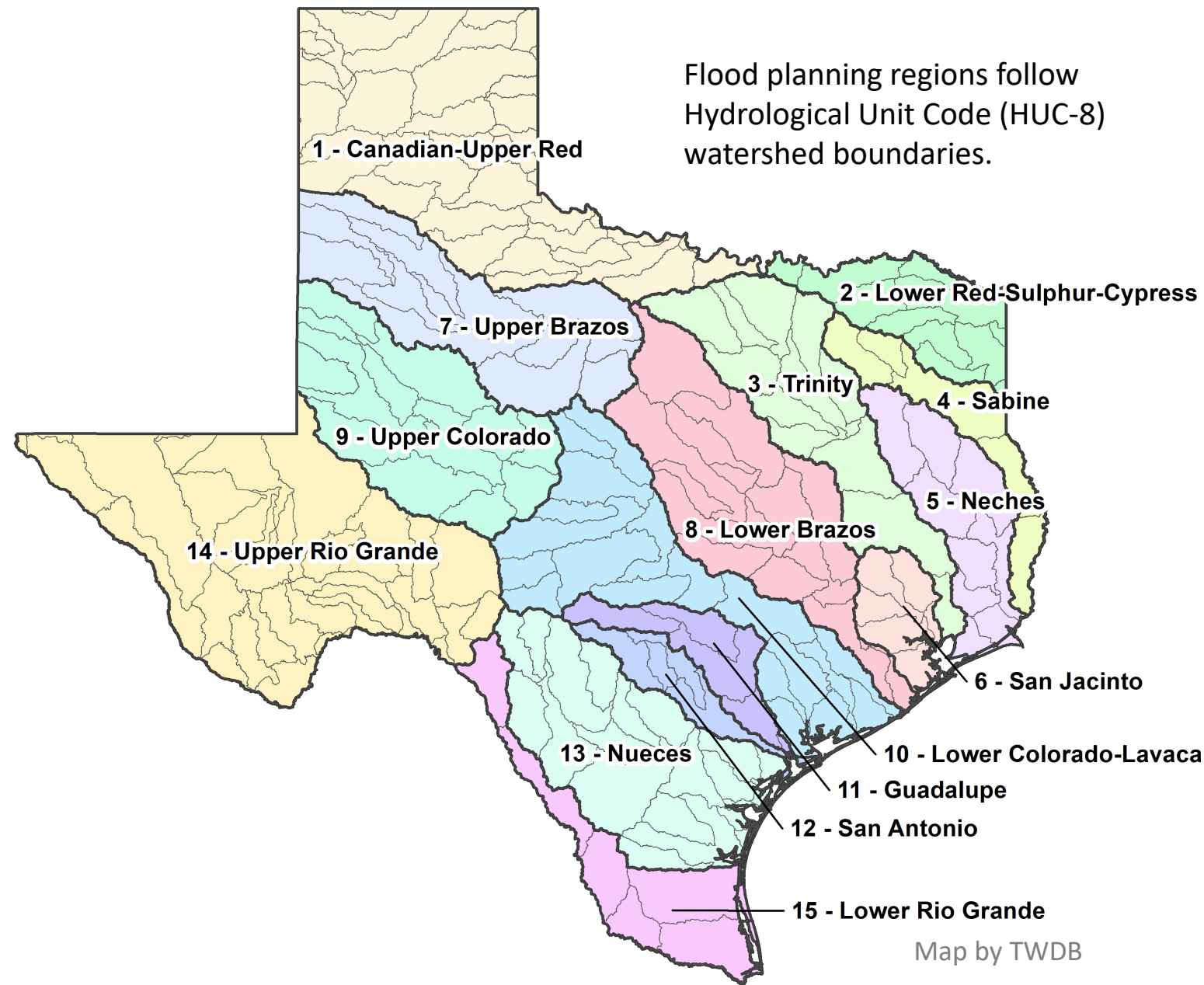
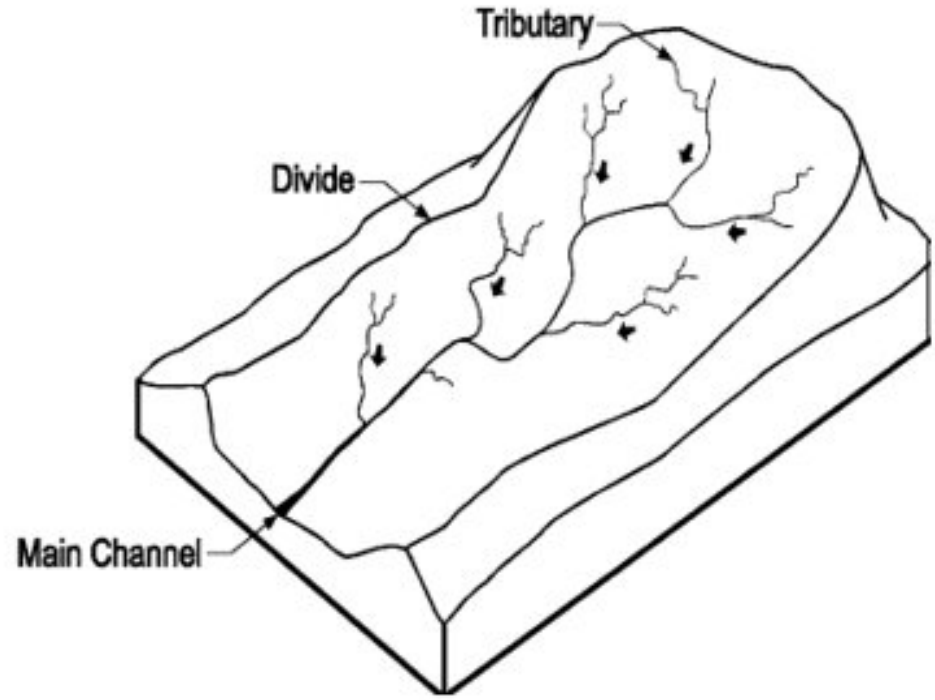
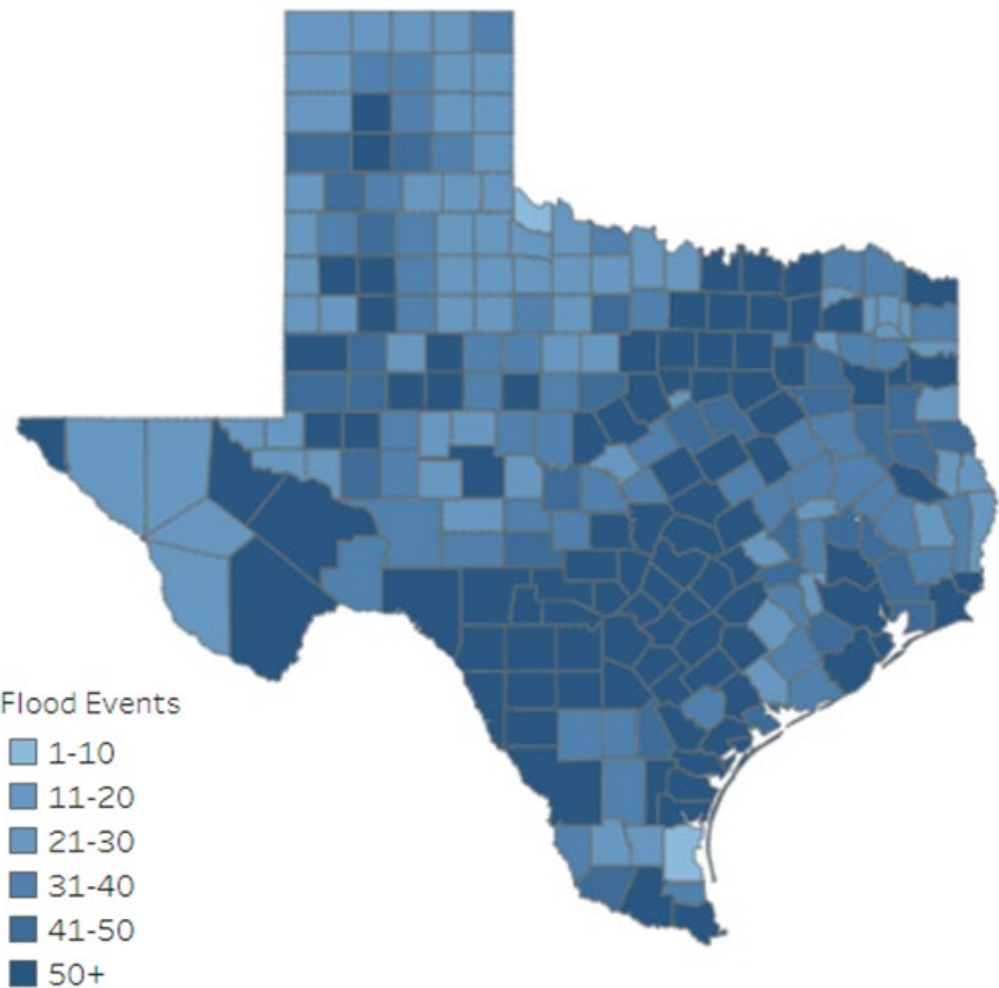


Figure 1-2. Riverine Watershed and Floodplain
Image by FEMA

Map by TWDB

Flooding 101: Flooding in Texas



Map: FEMA

Data: NOAA Storm Event Database 1996-2020

State Flood Assessment

REPORT TO THE LEGISLATURE

86TH LEGISLATIVE SESSION

STATE FLOOD ASSESSMENT

Texas Water Development Board

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.

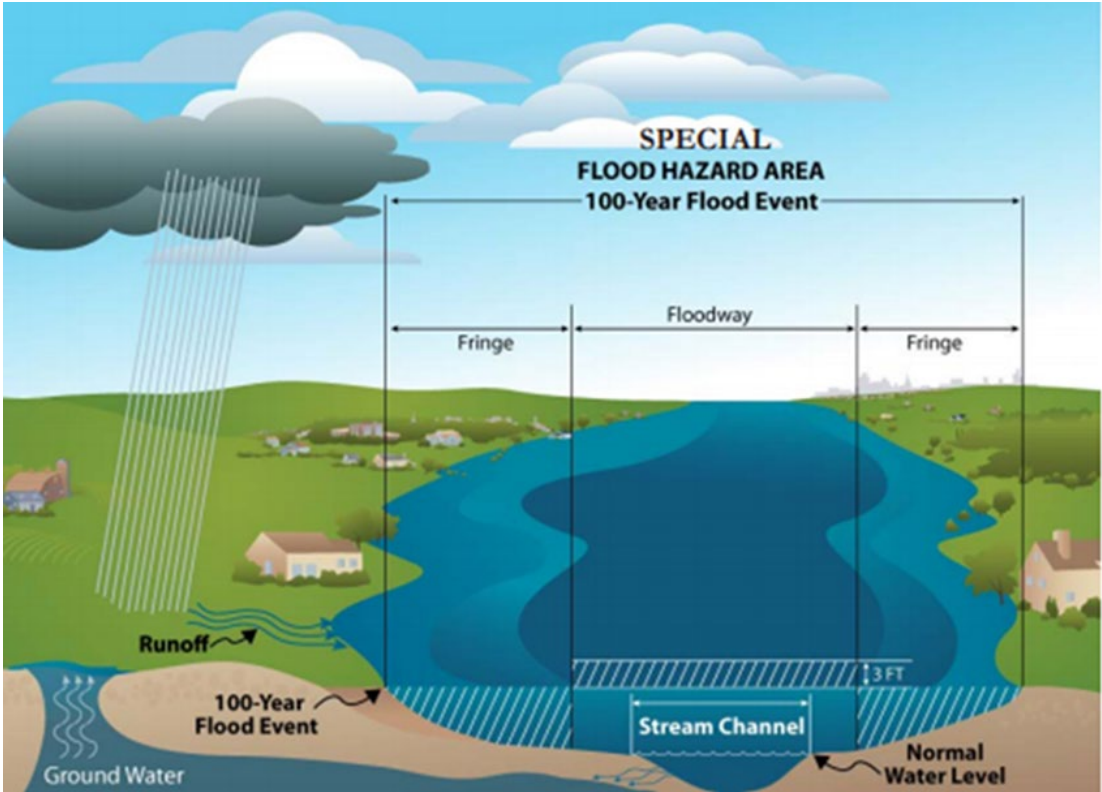


Image: FEMA



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.

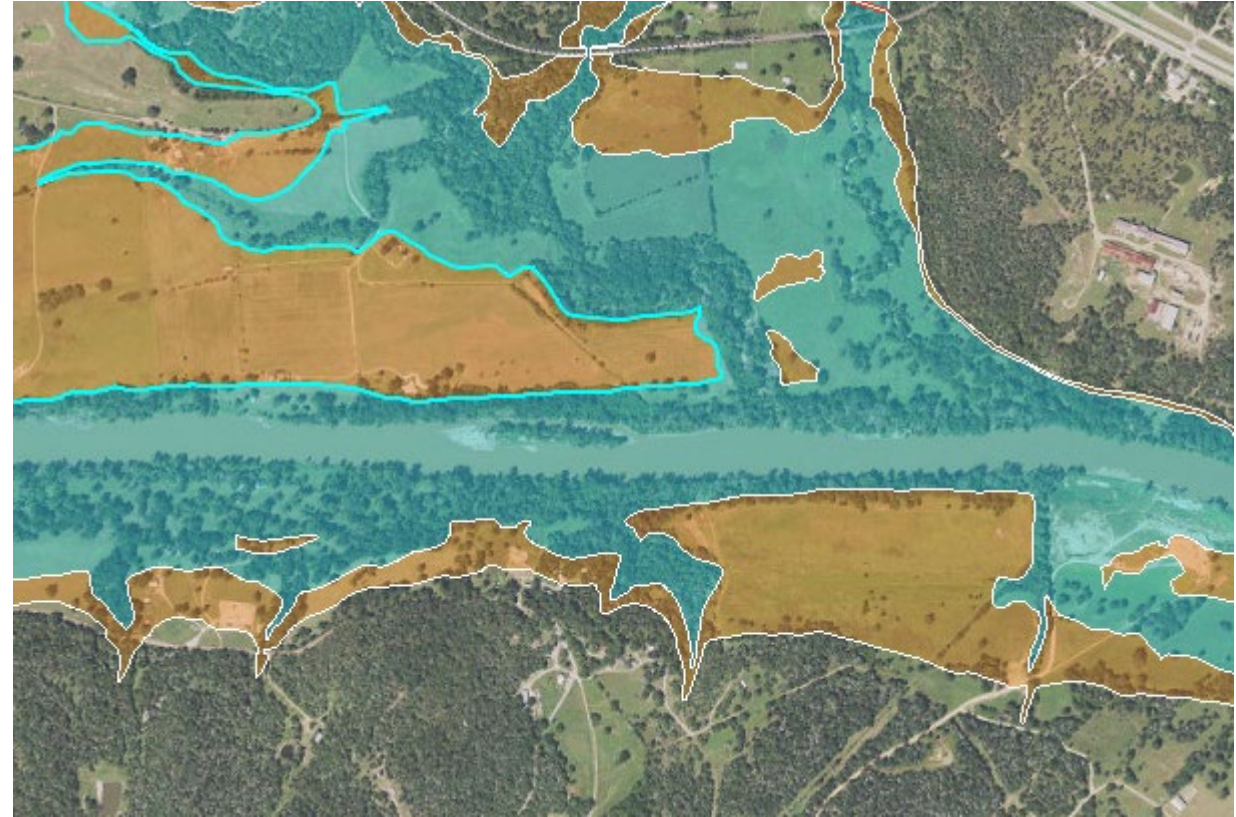


Wetlands at Galveston Island State Park provide natural ecosystem services.

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 = **every 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



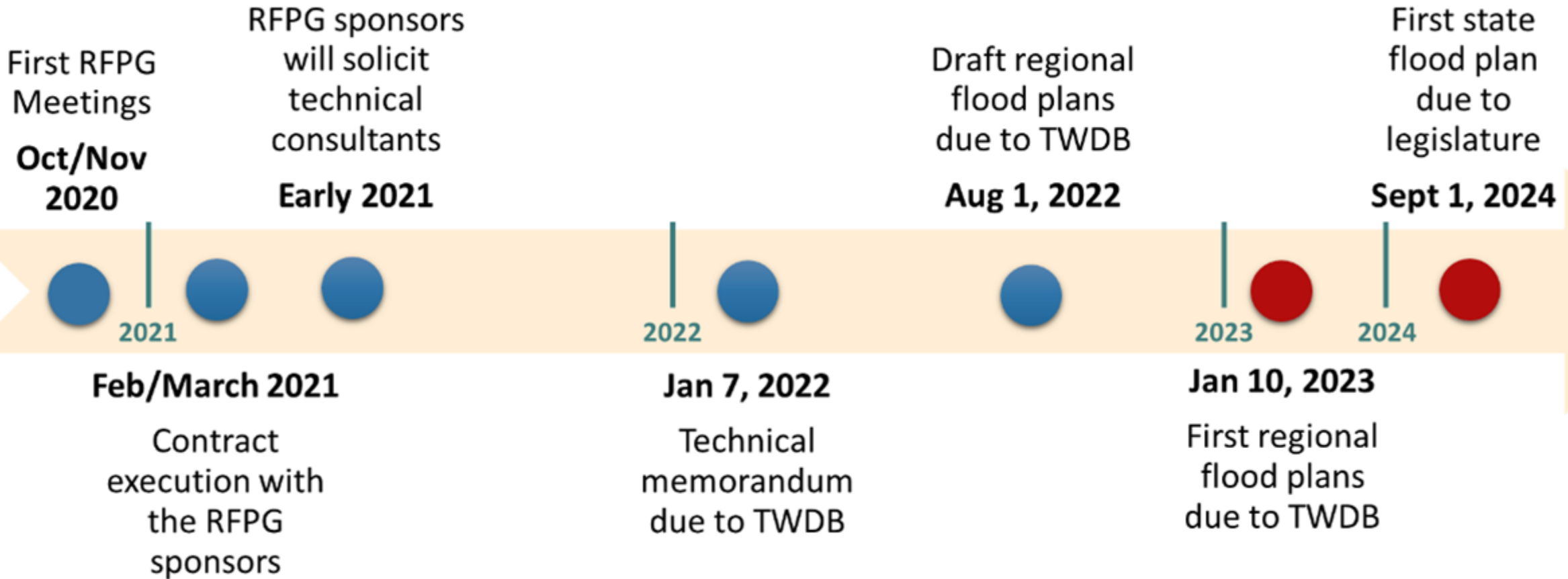
Image: Brent Hanson, U.S. Geological Survey. Public domain.

Questions? Comments?

Request for Applications Process & Contract Details

(5 minutes)

Flood Planning Timeline



Regional Flood Planning Grant RFA

- \$19.5 million in available funds to be allocated between 15 regions.
- Sponsors may submit applications November 20, 2020 - January 21, 2021
- Applications will be processed as received
- Contract execution (TWDB & sponsor) by March 31, 2021



Texas Water Development Board approved posting the Regional Flood Planning Grant Request for Applications on November 19th!

The Request for Applications and associated documents are now available on our website:

<https://www.twdb.texas.gov/flood/planning/documents/2023/index.asp>

Regional Flood Planning Grant Application Documents:

- [Request for Applications Posting](#)
- [Application Instructions](#)
- [Application Checklist](#)
- [Draft Scope of Work](#)
- [Draft Contractor \(Planning Group Sponsor\) Task Budget](#)
- [Board item document](#)

These documents are available on our website at:

<http://www.twdb.texas.gov/flood/planning/planningdocu/2023/index.asp>

Funding the Planning Process

Total \$19,500,000

Region	RFPG Name	Allocated Funds
1	Canadian-Upper Red	\$1,008,200.00
2	Lower Red-Sulphur-Cypress	\$910,400.00
3	Trinity	\$2,520,200.00
4	Sabine	\$947,600.00
5	Neches	\$1,148,900.00
6	San Jacinto	\$2,446,000.00
7	Upper Brazos	\$961,500.00
8	Lower Brazos	\$1,485,500.00
9	Upper Colorado	\$946,200.00
10	Lower Colorado-Lavaca	\$1,373,700.00
11	Guadalupe	\$961,300.00
12	San Antonio	\$1,295,000.00
13	Nueces	\$1,143,700.00
14	Upper Rio Grande	\$1,081,800.00
15	Lower Rio Grande	\$1,270,000.00



Image: Brent Hanson, U.S. Geological Survey. Public domain.

Questions? Comments?