

Update from Consultant Team

Neches Regional Flood Planning Group

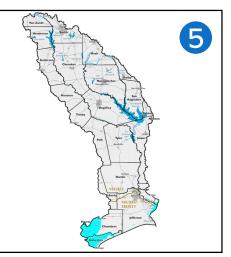
August 12, 2021

RFP Updates

- Task 1 Planning Area Description
- Task 2A Existing Flood Risk
- Task 3A Evaluation and Recommendations on Floodplain Management Practices
- Task 3B Flood Mitigation and Floodplain Management Goals
- Task 4A Flood Mitigation Needs Analysis
- Task4B Identification and Evaluation of FMEs, FMPs, and FMSs
- · Schedule Update

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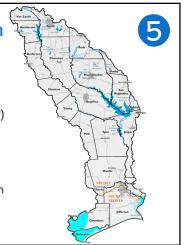
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5 Task 1 – Planning Area Description Goals: Funded or Inventory and **Ongoing Flood Describe Region** Assess Existing Mitigation Infrastructure **Projects**

Task 1 – Region Description 24 counties

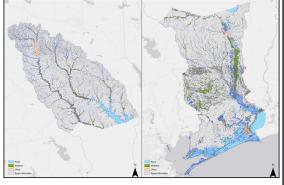
- 11,452 square miles (10th)
- 9,673 stream miles (8th)
- 918,370 2019 population estimate (8th)
- Major Cities (population > 25,000)
 - Beaumont, Port Arthur, Lufkin, Nacogdoches, Tyler
- \$1,908,581,588 in National Flood Insurance Program (NFIP) claims between 1975-2019 (2nd)



Task 1 - Inventory



- 338 dams
- 186 low water crossings
- 667 rivers, creeks, and other water channels
- 1.5 Million+ acres of wetlands
- **58,000+** ponds/playas
- 304 reservoirs



Task 1 – Data Collection Update



- Went Live on August 3, 2021
- · Public Survey
 - Reduced from 15 to 5 questions
 - Requesting Top 3 Priorities for the establishment of goals
 - Implement protective standards & policies
 - Identify/Communicate flood risk
 - Reduce structures in 100-yr & 500-yr floodplain
 - Restore failing/aging infrastructure
 - Implement flood warning & response mechanisms
 - Provide or enhance inter-jurisdictional cooperation
- Stakeholder Survey
 - Will begin outreach August 16, 20201



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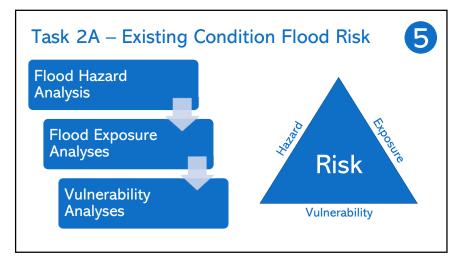
Task 1 – Data Collection Update





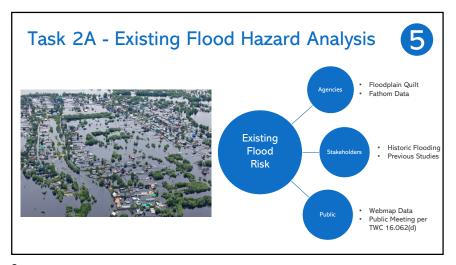
How can you help?

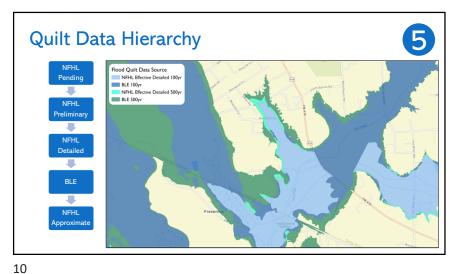
- · Fill out the survey
- · Reach out to your contacts
- Post on social media and websites

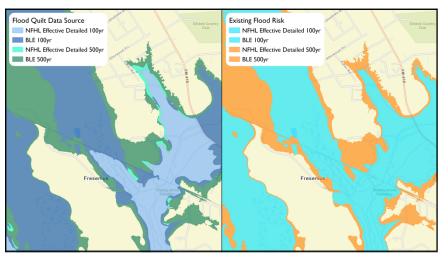


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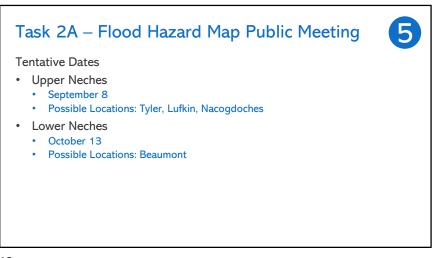


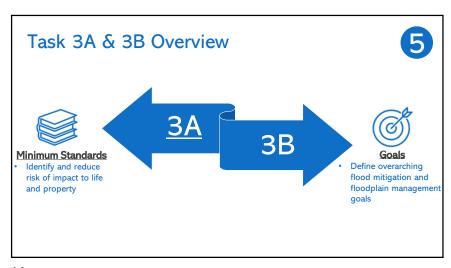


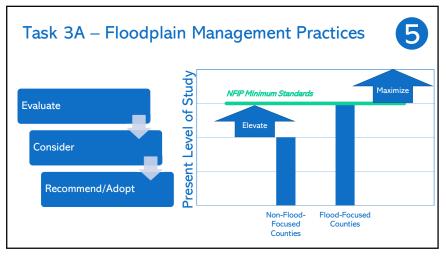


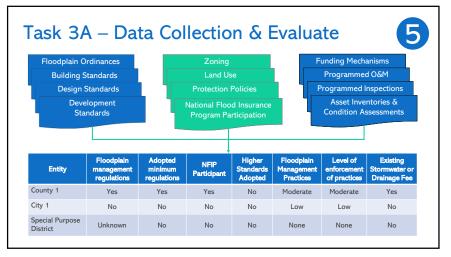
Task 2A – Draft Cursory Floodplain (Fathom) Released July 14, 2021 Fluvial and Pluvial Mapping Flood risk coverage developed from largely nationwide 2D hydrodynamic model Course floodplain 30m x 30m raster dataset Potential to supplement areas of known gaps

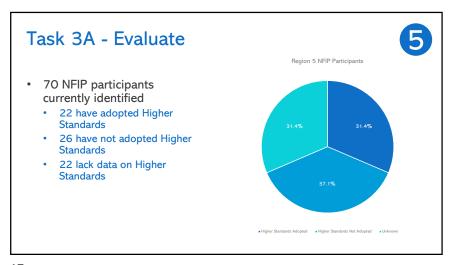
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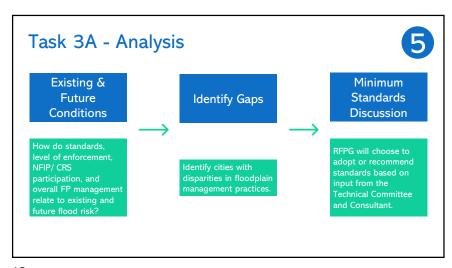








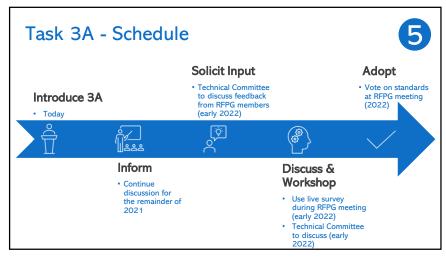




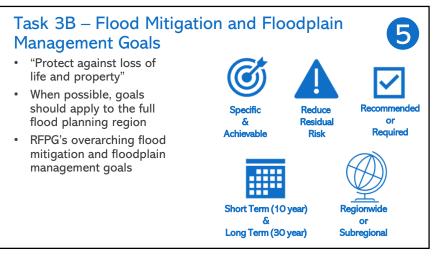
Task 3A - Recommend or Adopt

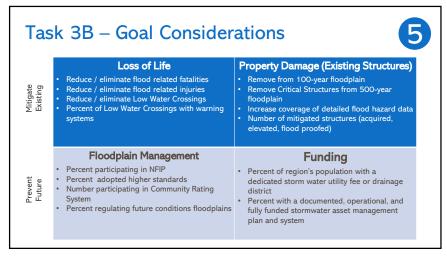


- Recommend
 - No pre-requisite
 - All FMEs, FMSs, and FMPs can be considered in the RFP
- Adopt
- Must meet adopted minimum <u>BEFORE</u> FME, FMS, or FMP can be included in the RFP
- RFPGs do not have the authority to enact or enforce floodplain management, land use, or other infrastructure design standards

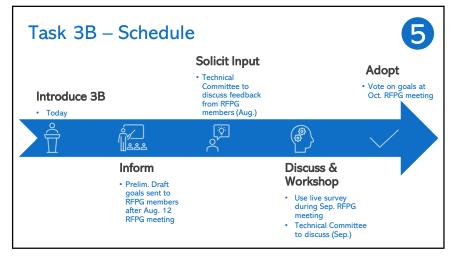


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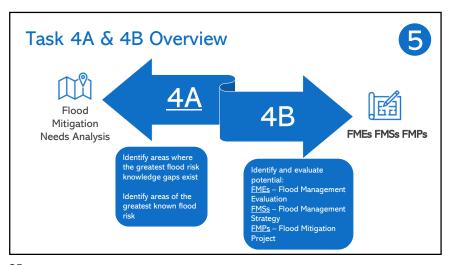


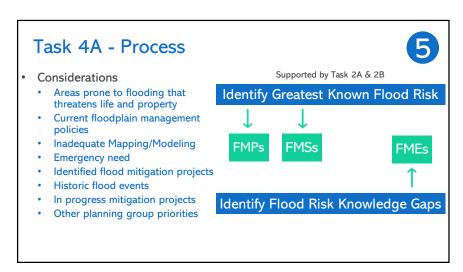


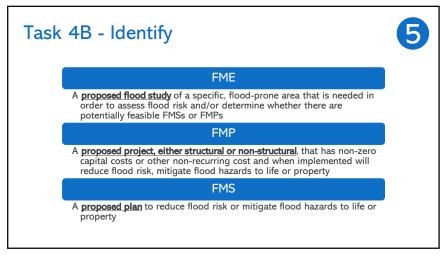


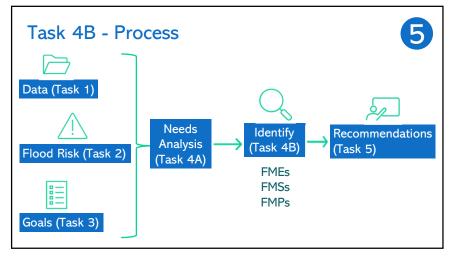


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