

NOTICE OF OPEN MEETING OF THE SAN ANTONIO REGIONAL FLOOD PLANNING GROUP
TECHNICAL SUBCOMMITTEE

Region 12

08/18/2025

2:00 PM

TAKE NOTICE that a meeting of the Technical Subcommittee of the San Antonio Regional Flood Planning Group as established by the Texas Water Development Board will be held on Monday, August 18, 2025, at 2:00 PM, in-person at the San Antonio River Authority, located at 100 E. Guenther St and virtually at <https://meet.goto.com/645413693>.

Agenda:

1. (2:00 PM) Roll Call
2. Public Comments – limit 3 minutes per person
3. Review New Data and Revised Cycle II Goals
4. Public Comments – limit 3 minutes per person
5. Date and Potential Agenda Items for Next Meeting
6. Adjourn

If you wish to provide written comments prior to or after the meeting, please email your comments to khayes@sariverauthority.org or physically mail them to the attention of Kendall Hayes at San Antonio River Authority, 100 E. Guenther St., San Antonio, TX, 78204 and include “Region 12 San Antonio Regional Flood Planning Group Technical Subcommittee Meeting” in the subject line.

Additional information may be obtained from: Kendall Hayes, (210) 302-3641, khayes@sariverauthority.org, San Antonio River Authority, 100 E. Guenther St., San Antonio, TX, 78204.

REGION 12 - GOAL

Goal ID	Goal	Term of Goal	Overarching Goal(s)	RFPG NOTES	Consultant Notes	Potential Updated Goal Statement
12000001	Track and document existing public outreach and education activities that improve awareness of flood hazards and benefits of flood planning, including nature based solutions, in the region and ensure there are at least 6 additional occurrences per year .	Short Term (10 year)	Education and Outreach	☑ MS4 CoSA, SARA, BRWM already doing this ☑ What kind of goals do these individual organizations have. Then the RFPG uses that and puts a number to it and holds these organizations accountable. What are SARA & CoSA & BRWM goals on their activities. ○ Use wording like "encourage entities to increase number of outreach above what is currently being done..."	Short term can be to establish baseline. Can acquire information from MS4 CoSA, SARA, BRWM. -Request outreach and education occurrences from entities during outreach stage of RFPG.	Track and document existing public outreach and education activities that improve awareness of flood hazards and benefits of flood planning, including nature based solutions, in the region and encourage entities to increase the number above what is currently being done. Establish baseline.
12000002	Increase to 12 per year and maintain and increase public outreach and education activities to improve awareness of flood hazards and benefits of flood planning including nature based solutions in the region.	Long Term (30 year)	Education and Outreach			Encourage entities to increase to 12 per year and maintain and increase public outreach and education activities to improve awareness of flood hazards and benefits of flood planning including nature based solutions in the region.
12000003	Increase the proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 50% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.	Short Term (10 year)	Education and Outreach	- Increase number of floodplain managers and continue to increase - get base number from TFMA, the number of FPA per entity for all the entities in our basin. We understand that some of the boundaries of entities span across different basins but this will be a conservative approach.	-request certified floodplain manager administrator base number from TFMA - SARA still doing LID training?	Increase the number of certified floodplain managers and proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 50% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.
12000004	Increase the proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 100% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.	Long Term (30 year)	Education and Outreach			Increase the number of certified floodplain managers and proficiency of stakeholders and floodplain managers across the region through training from Region 12 entities, TFMA, ASFPM and FEMA and provide certificates of completion. Improve 100% of FPM knowledge of nature based solutions, floodplain preservation, and cost/benefit of traditional structural solutions.
12000005	Support the development of a regionally coordinated warning and emergency response program that can detect the flood threat and provide timely warning of impending flood danger to reduce flood deaths and high water rescues across the region.	Short Term (10 year)	Flood Warning and Readiness	Good - SARA tracks this	No updates per RFPG Notes column. - request data from SARA	Goal appropriate per RFPG Notes column
12000006	Expand the development of a regionally coordinated warning and emergency response program that can detect the flood threat and provide timely warning of impending flood danger to reduce flood deaths and high water rescues across the region.	Long Term (30 year)	Flood Warning and Readiness			
12000007	Increase the number of flood gauges (rainfall, stream, reservoir, etc.) in the region to provide localized information to emergency responders, and storage and accessibility of data to agencies by 25% of existing or at minimum 10 .	Short Term (10 year)	Flood Warning and Readiness	What are SARA & CoSA & BRWM goals on this? , they will have a workshop and then visit with the RFPG afterwards	Current stream gage count from USGS? Future counts of gages could come from FMX descriptions located in the different FMX tables. Wording appears to be appropriate to goal.	Goal appropriate per RFPG Notes column until further input received.
12000008	Increase the number of flood gauges (rainfall, stream, reservoir, etc.) in the region to provide localized information to emergency responders, and storage and accessibility of data to agencies by 50% of existing .	Long Term (30 year)	Flood Warning and Readiness			Goal appropriate per RFPG Notes column until further input received.
12000009	Increase the number of entities that communicate real time flood warnings to the public . Leverage mobile phone navigation apps to provide real time rerouting for the public .	Short Term (10 year)	Flood Warning and Readiness	- Increase the number of "entities", we should change this. Suggest rewording. - Meet with SARA & CoSA & BRWM & Bexar County & Emergency Response Teams to get feedback on this - set up a meeting.	-Re-word to remove entities - 9 and 10 are the same goal. Should 9 be establishing a baseline?	Increase to XX% of basin coverage participating in basin wide flood warning and emergency response coordinated effort. Leverage mobile phone navigation apps to provide real time rerouting for the public .
12000010	Increase the number of entities that communicate real time flood warnings to the public . Leverage mobile phone navigation apps to provide real time rerouting for the public .	Long Term (30 year)	Flood Warning and Readiness		¹-Re-word to remove entities	Increase to XX% of basin coverage participating in basin wide flood warning and emergency response coordinated effort. Leverage mobile phone navigation apps to provide real time rerouting for the public .
12000011	Establish a baseline and increase the number of NFIP communities which utilize Atlas 14 (Volume 11) or best available data from NOAA revised rainfall data as part of revisions to design criteria and flood prevention regulations by 50% percent. (region specific)	Short Term (10 year)	Flood Studies and Analysis	- Atlas 14 is a moving target. - Remove this goal	Goal to be removed	

REGION 12 - GOAL

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12000012	Increase the number of NFIP communities which utilize/adopt Atlas 14 (Volume 11) or best available data from NOAA revised rainfall data as part of revisions to design criteria and flood prevention regulations by 100%. (region specific)	Long Term (30 year)	Flood Studies and Analysis			
12000013	Decrease the number of Zone X by 30% and increase the number of entities that conduct detailed studies to update their local flood risk by 25% .	Short Term (10 year)	Flood Studies and Analysis	- Effective maps are dated from 2010 - New effective maps with atlas 14 being released in 2027 - What are SARAs goals on this?	-Zone X area could be calculated from current effective maps -Entities planning future detailed studies could be pulled from FMX tables -see that addition of goal 15 is appropriate to goal 13/14 - SARA goals, does this cover the entire region?	Adjust for clarity regarding the "decrease the number of Zone X by 30%" portion of goal.
12000014	Increase the number of entities that conduct detailed studies to update their local flood risk to 100% .	Long Term (30 year)	Flood Studies and Analysis			Increase the number of entities that conduct detailed studies to update their local flood risk to 100% , and decrease the average age of FEMA Flood Insurance Rate Maps (NFHL/FIRMs/FIS) to less than 10 years .
12000015	Decrease the average age of FEMA Flood Insurance Rate Maps (NFHL/FIRMs/FIS) to less than 10 years .	Short Term (10 year)	Flood Studies and Analysis	Will be lumped into Goal 13 and 14. Remove once lumped in so we don't have a stand alone goal.	Goal lumped with goal 13/14. Please see potential updated goal 14.	Goal to be removed once lumped with 13/14.
12000016	Establish a baseline number of existing studies and process for analyzing watersheds to identify existing Natural Flood Mitigation Features (NFMF) such as headwaters, buffers, and conservation easements.	Short Term (10 year)	Flood Studies and Analysis	Good.	Perform FME included in Cycle 1 of the regional flood plan.	Establish a baseline number of entities with existing studies and process for analyzing watersheds to identify existing Natural Flood Mitigation Features (NFMF) such as headwaters, buffers, and conservation easements.
12000021	Increase the number of entities above the established baseline that have adopted a holistic watershed approach using existing Natural Flood Mitigation Features, (NFMF) such as headwaters, buffers, and conservation easements, for flood risk reduction as a basis for comprehensive subdivision regulations.	Long Term (30 year)	Flood Prevention			Goal appropriate per RFPG Notes column
12000017	Increase the number of participating Community Rating System (CRS) entities in the FPR by 5 .	Short Term (10 year)	Flood Prevention	☑Things in the CRS that could be encouraged? Higher standards. - Short term - increase higher standards - Long term - encourage participation in the CRS		Increase the number of entities that have adopted higher standards.
12000018	Increase the number of participating entities within Community Rating System (CRS) in the FPR by 100% or improve their rating .	Long Term (30 year)	Flood Prevention			Increase the number of participating entities within Community Rating System (CRS) in the FPR or improve their rating .
12000019	Increase the number of entities which regulate to the 1% annual chance future-conditions floodplains as part of new development and redevelopment by 10%.	Short Term (10 year)	Flood Prevention	Remove this goal	Goal to be removed	
12000020	Increase the number of entities which regulate to the 1% annual chance future-conditions floodplains as part of new development and redevelopment by 50%.	Long Term (30 year)	Flood Prevention			
12000022	Establish a baseline and increase the number of acres of publicly protected open space by 10 % as part of land conservation and acquisitions to reduce future impacts of flooding.	Short Term (10 year)	Non-Structural Flood Infrastructure Projects	☑Susan said its hard to put a number on this because how much land do we have to start with. Where should we place this land and what is the course of action. ☑Yasmin - REPI Project does this - Short term - Establish the baseline - Long term - Increase above the baseline	Current FMXs that include increasing protected open space as a part of the FMX - (FME) Holistic Watershed based master planning consistent with Nature Based Solutions and (FMS) Conservation Easement Program	Establish a baseline of the number of acres of publicly protected open space as part of land conservation and acquisitions to reduce future impacts of flooding.
12000023	Increase the number of restored acres of publicly protected open space land in the region.	Long Term (30 year)	Non-Structural Flood Infrastructure Projects	What other data sources other than the Nature Conservancy can we collect data from? How to establish baseline? Halff team, what are your thoughts?	Would improving the adoption of BLE floodplain by entities count as publicly protected open space?	Increase the number of restored acres of publicly protected open space land in the region above the baseline .

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12000024	Reduce the number of NFIP repetitive-loss properties in the FPR by 25% .	Short Term (10 year)	Non-Structural Flood Infrastructure Projects	☒Hard to get our hands on this data. COSA has 2024 data, updated based on the 98 buyouts. Sabrina said she can share this WITHOUT names.... Each community FPA can disclose this. ☒Not really on everyone's radar ☒BRWM agrees that it should be a metric but it should be reworded. ☒Short term - Encourage communities to establish baseline and target projects for repetitive loss properties - Long term - Increase above the baseline	Ask about LMI/SOVI properties.	Establish a baseline and target projects for repetitive-loss properties located in the FPR.
12000025	Reduce the number of NFIP repetitive-loss properties in the FPR by 75% .	Long Term (30 year)	Non-Structural Flood Infrastructure Projects		Does % reduce change get adjusted if goal 24 changes to establishing a baseline. Request repetitive loss counts from entities (WITHOUT NAMES) to assist in getting baseline counts	Reduce the number of NFIP repetitive-loss properties in the FPR by XX% .
12000026	Reduce the number of existing (2022) residential properties in the future 1% annual chance floodplain by 10% .	Short Term (10 year)	Structural and Non-structural Flood Infrastructure Projects	☒Reevaluate the numbers, do away with the % and add actual #	These counts can be collected from data in Tables 12/13/14 for the different FMXs. Take 10% of applicable structure count to apply in potential goal update column	Reduce the number of existing residential properties in the future 1% annual chance floodplain. Reduce XX,XXX structures in future 1% ACE by XX structures.
12000027	Reduce the number of existing (2022) residential properties in the future 1% annual chance floodplain by 50% .	Long Term (30 year)	Structural and Non-structural Flood Infrastructure Projects		These counts can be collected from data in Tables 12/13/14 for the different FMXs. Take 50% of applicable structure count to apply in potential goal update column	Reduce the number of existing residential properties in the future 1% annual chance floodplain. Reduce XX,XXX structures in future 1% ACE by XX structures.
12000028	Reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain by 50% .	Short Term (10 year)	Structural Flood Infrastructure Projects	☒Reevaluate the numbers, do away with the % and add actual # - Short term: Target flood mitigation project that remove vul critical facilities - Long term: Increase " number of critical faculties removed	These counts can be collected from data in Tables 12/13/14 for the different FMXs. Take 50% of applicable structure count to apply in potential goal update column	Prioritize flood mitigation projects that reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain. Reduce XX,XXX structures in future 1% ACE by XX structures.
12000029	Reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain by 100% .	Long Term (30 year)	Structural Flood Infrastructure Projects		Is using "increase" appropriate for the long term goal when similar goals use "reduce" wording? These counts can be collected from data in Tables 12/13/14 for the different FMXs. Take 100% of applicable structure count to apply in potential goal update column	Reduce the number of vulnerable critical facilities located within the existing and future 1% annual chance (100-year) floodplain. Reduce XX,XXX critical facilities in future 1% ACE by XX structures.
12000030	Identify the eligible top 50 vulnerable roadway segments and low water crossings located within the existing and future 1% annual chance (100-year) floodplain.	Short Term (10 year)	Structural Flood Infrastructure Projects	☒Long term use "reduce" instead of "eliminate and mitigate"		Goal is appropriate per RFPG Notes column
12000031	Eliminate or mitigate the eligible top 50 vulnerable roadway segments and low water crossings located within the existing and future 1% annual chance (100-year) floodplain.	Long Term (30 year)	Structural Flood Infrastructure Projects		May need to reword as reducing some of the top 50 would result in new vulnerable roadway segments being added to top 50 list.	Reduce the eligible top 50 vulnerable roadway segments and low water crossings located within the existing and future 1% annual chance (100-year) floodplain.
12000032	Increase the number of structural projects by 10% that include a NBS or Green Infrastructure (GI) component.	Short Term (10 year)	Structural Flood Infrastructure Projects	Short term = Encourage / track the number of structural projects ... Long term = Increase	Should we change this to getting communities to adopt regulations/ordinances/etc. that authorize NBS/GI?	Encourage entities to implement and track structural projects that include a NBS or Green Infrastructure (GI) component.

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12000033	Increase the number of structural projects by 50% that include a NBS or Green Infrastructure (GI) component.	Long Term (30 year)	Structural Flood Infrastructure Projects	don't put a percentage		Increase the number of structural projects that include a NBS or Green Infrastructure (GI) component.
	Set a goal regarding the FMXs getting added/constructed in the region			POTENTIAL GOAL		
ANY OTHER POTENTIAL GOALS?						