

Tucson Risk MAP Project Fact Sheet

Floodplain Management Plan

The City of Tucson and the FEMA RiskMAP team have gathered important information to create a Floodplain Management Report (FMP). This will allow Tucson to make the best floodplain management decisions which will ensure public safety and prevent future hazardous occurrences. The FMP is a community-wide plan and has been tailored to best serve Tucson and its outlying areas. This plan will be used to improve the community's CRS rating, and can be used for reference to consider mitigation alternatives for hazard events.

A formal planning committee was formed so that those who have the most impact on hazard mitigation would have a chance to get involved and come up with realistic alternatives for Tucson. There were five meetings held so that committee members could gather to discuss the best mitigation alternatives. Those meetings produced the best possible mitigation efforts to hazards that occur within the Tucson region, and could be affected in the future due to climate change.



The FMP lists all the agencies and committee members that were involved in the process and includes their roles and responsibilities in the creation of the plan. Sections in the report include assessing existing and potential hazards, while assessing their impact on the community. The plan also includes technical hazard studies created using HAZUS which help to visually demonstrate the floodplain risk assessment. Goals were identified during the meeting process, then reviewed and analyzed to be included in the final FMP. An Action Plan is included in the FMP to demonstrate the recommended activities that were outlined during the meeting sessions.

If you have any questions or comments regarding the plan, please address them to:

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A draft of the Tucson Floodplain Management Plan can be found here:
<http://www.r9map.org/Pages/ProjectDetailsPage.aspx?choLoco=69&choProj=492>

Important Project Dates

March 7, 2016 - Public Open House
March 22, 2016 - Final FMP submitted to City Council
May 3, 2016 - Estimated Council Adoption



FEMA

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Tucson's Hazard Vulnerability Assessment

The Floodplain Management Plan committee prioritized the City's hazards according to a group consensus. This list addresses Tucson's overall vulnerability to each hazard. The results were as follows where 1 is the hazard Tucson is most vulnerable to and 7 is the least hazard Tucson is most vulnerable to:

- 1 Public Infrastructure Conveyance
- 2 Flood Areas with Utility/Municipal Structures
- 3 Urban High-Density Flood Areas
- 4 Private Drainage Infrastructure - The Committee
- 5 Natural Floodplains
- 6 Vegetated Associated Flood Hazards
- 7 Geomorphological Flood Hazards

Goal Statement

The City of Tucson Floodplain Management Plan Goal is to reduce flood and erosion hazards, damage, and associated costs by:

Expanding incentives for private property owners and developers to implement sustainable flood and erosion hazard mitigation strategies.

Increasing community awareness of water harvesting methodologies, floodplain preservation measures, and general flood and erosion information.

Maintaining, enhancing and/or restoring riparian ecosystems and wildlife corridors.

Providing safe, efficient and balanced conveyance for stormwater runoff.

Identifying high-risk areas.