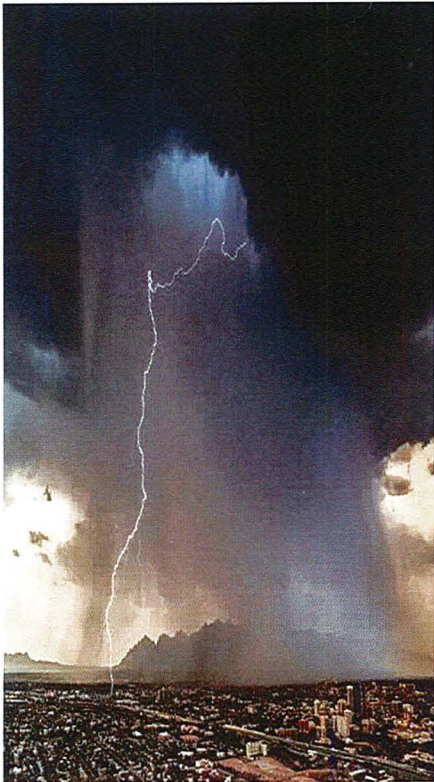


AGENDA MATERIAL

DATE 3-18-25 ITEM NO. PA9

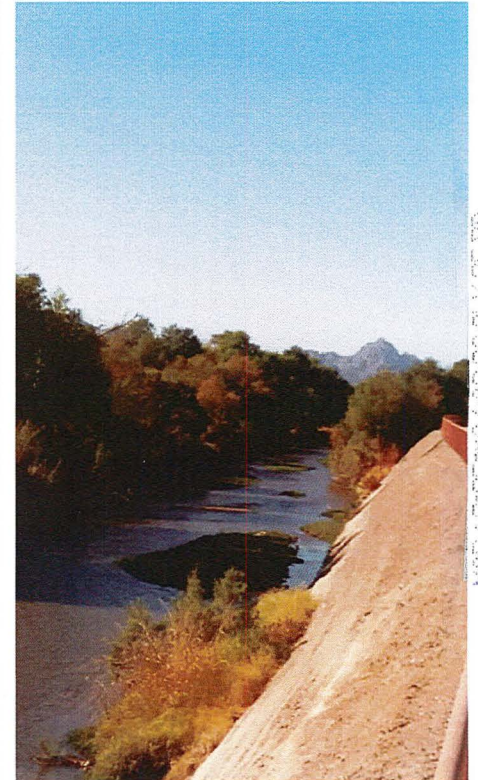


2025-2030 Floodplain Management Plan

Pima County Board of Supervisors
March 18, 2025



Dr. Greg Saxe, Master of Regional Planning
Environmental Planning Manager
Pima County Regional Flood Control District



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MJ

FLOODPLAIN MANAGEMENT PLAN

Available for Public Review: 2025 Floodplain Management Plan

The Floodplain Management Plan has been submitted to the Board of Supervisors for approval:

[Proposed 2025 Floodplain Management Plan](#)

[Interactive Floodplain Management Plan Dashboard](#)

The Board of Supervisors Hearing will take place on March 18th, 2025

For more information, please contact:

Pima County Regional Flood Control District

201 N Stone Ave

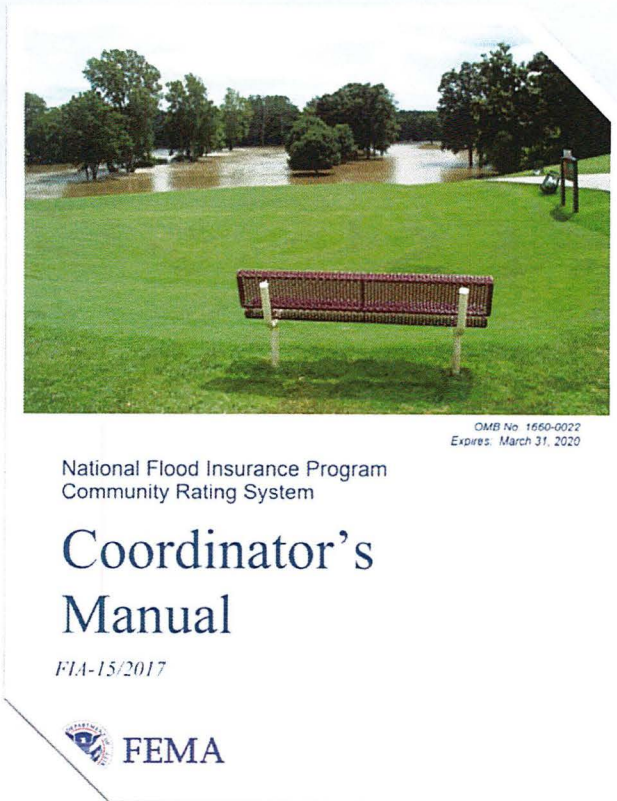
Tucson, AZ 85701-1207

RFCD@pima.gov

520-724-4600

- [2024 Catalina Foothills Association Planning and Zoning Committee Letter of Support](#)
- [2024 Coalition for Sonoran Desert Protection Letter of Support](#)
- [2024 Tortolita Alliance Letter of Support](#)
- [Proposed 2025 Program Action Plan](#)
- [Proposed 2025 Program for Public Information Spreadsheet](#)
- [Proposed 2025 Project Action Plan](#)

www.pima.gov/fmp



Public Participation

Planning Committee Participants:

- Residents
- HOAs
- Flood Control District Advisory Committee
- SAHBA
- TAR
- MPA
- CSDP
- Audubon
- WMG
- CWC
- UA
- Countrywide Financial
- Raytheon
- FICO
- USFW, USFS, NRCS, FEMA
- ADWR, AZDEMA
- PCOEM, PCDOT, PCDSO, PCDEQ, PC Admin.
- PAG
- Tohono O'odham Nation
- Pascua Yaqui Tribe

Committee Schedule:

- 4/24: 2020 Action Plan Progress
- 6/24: New Information & Goals
- 8/24: Problems
- 10/24: 2025 Action Plan
- 12/24: Draft Plan
- 2/25: Proposed Plan
- 3/25: Board of Supervisors

Survey:

- Mailer to Floodplain Residents
- Events
- Public Meetings

Public Meetings:

- Catalina Foothills Association
- Green Valley Council
- Southeast Area Council
- Tucson Mountains Association
- Planning & Zoning Commission

New Goals

1. Increase beneficial use of stormwater including regional recharge and urban green spaces.
2. Ensure equitable access to flood mitigation services.
3. Prioritize neighborhood scale beneficial use of stormwater projects in vulnerable and underserved areas.

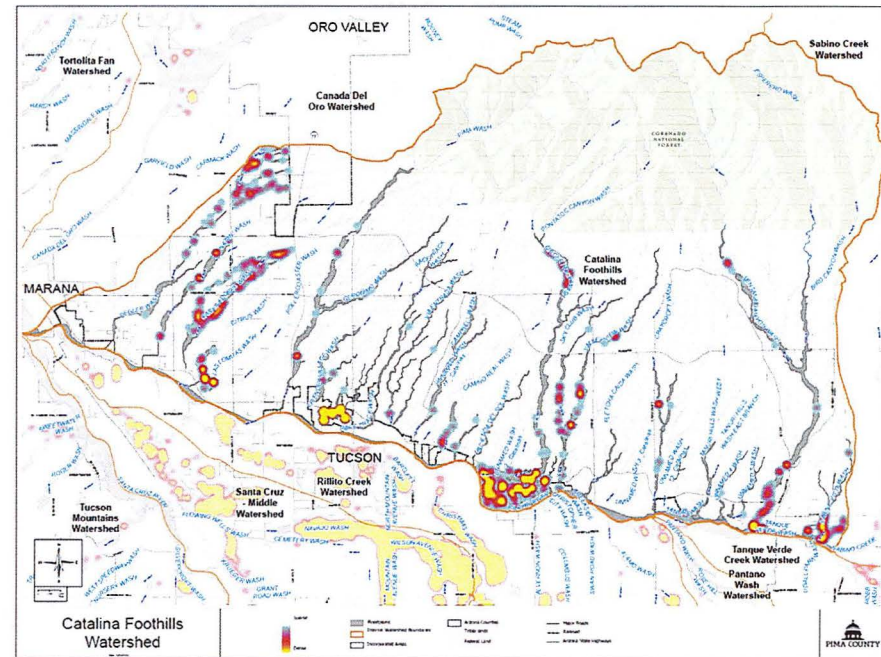


Hazard & Opportunity Assessment

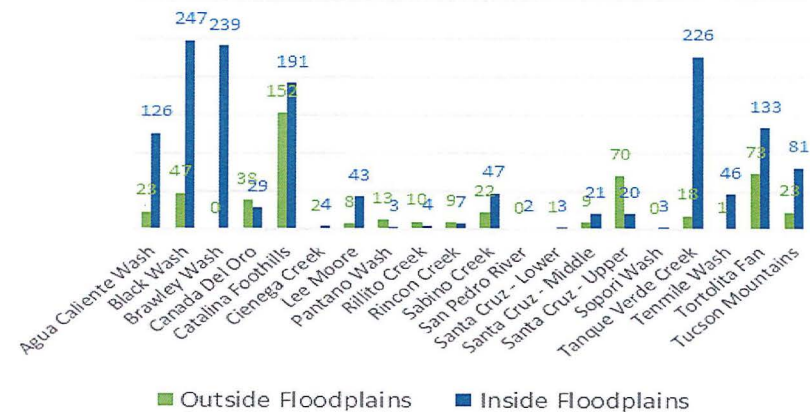
New opportunities for action in 2025-2030:

- Housing Affordability
- Disadvantaged neighborhoods
- 15% Rainfall increase
- Regional Recharge & Neighborhood Stormwater Harvesting
- Tribal community flooding
- 24 new mapping studies
- 27+ structural projects
- 50+ locations where roads flood
- 28 drainage system maintenance needs
- 73 property owner assistance requests
- Increasing storm intensity associated with climate change and the added development pressures in the Catalina Foothills watershed create the potential for significant flood impacts
- Floodplain Analysis Gap South of Arthur Pack park to Hardy Wash and Cortaro
- Hazards (fire, air quality) related to invasive species presence on FCD land
- Reddington & San Pedro River Rd Erosion AWA
- Cattle
- Gap in Cienega Creek Preserve
- Groundwater decline & subsidence
- Development at Rocking K
- ALERT Gages along Silverbell
- Casas Arroyos Mobile Home Park Bank Erosion
- Expand PCRRH and floodplain maps to unmapped washes (TM, CF)
- Wildlife Ramps for Levees (TM, SCRM)

Floodplain Building Density Heat Map



Flood Insurance Claims Assessment



2025-2030 Floodplain Management Plan Action Plan

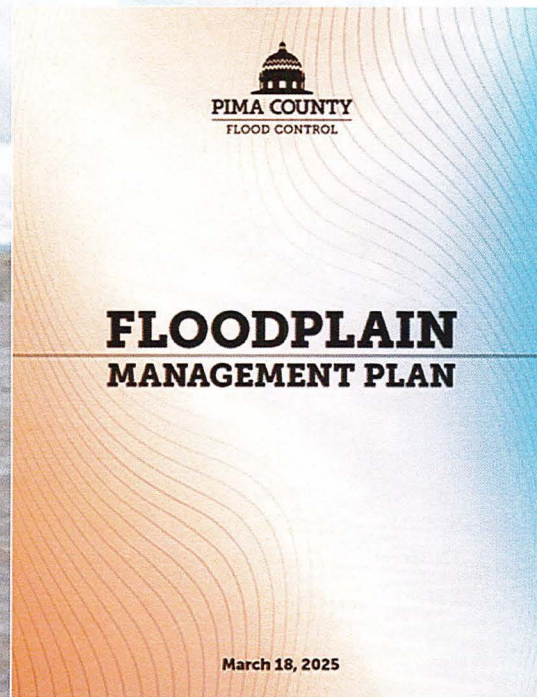
- 61 Programs
- 108 Discrete Projects
- For complete plan see dashboard & webpage at:
www.pima.gov/fmp

Year Added	Ref #	Programs (Annual Activities)	Watershed	Deadline
Preventative				
Pre 2020	1.1	CRS Participation (including Annual Recertification, Tri-annual CRS performance audits, program development, and providing annual progress reports to the Planning Committee, public and Board)	Countywide	Annual
Pre 2020	1.2	Enforce the Floodplain Management Ordinance	Countywide	Annual
Pre 2020	1.3	Drainage System Maintenance	Countywide	Annual

Year Added	Ref #	Projects (Discrete Activities)	Watershed	Deadline
Structural				
Pre 2020	5.7.1	Soldier Trail erosion prevention	ACW	2025
Pre 2020	5.7.2	Sells Wash bank protection	SR	2025
Pre 2020	5.7.3	Silverbell Road drainage improvements coordination with the City of Tucson	SCRM, TM	2026
Pre 2020	5.7.4	Unnecessary diversion removal	BW, Brawley	2026
Pre 2020	5.7.5	Pantano Wash and tributary stabilization	Pantano	2027
Pre 2020	5.7.6	Wentworth Wash Channel	TVC	2027
Pre 2020	5.7.7	Ruthrauff/Gardner Lane area drainage improvements	SCRM	2027
2025	5.7.8	Santa Cruz River Master Plan Project (Alt 6 Grade Control/Effluent Training)	SCRL	2027
2025	5.7.9	Brawley Wash Improvements	Brawley	2027
2025	5.7.10	Canada Del Oro - West Bank from Thornydale to Magee	CDO	2030
2025	5.7.11	Santa Cruz River - Drexel to Valencia East Bank Riverpark	SCRM	2027
2025	5.7.12	Santa Cruz River Sunset Road Bank Protection and Riverpark	SCRM	2029
2025	5.7.13	Santa Cruz River Master Plan Project (Alt 8 Effluent Training Structures)	SCRL	2028

Implementation

1. Board of Supervisors Approval
2. Committee engagement and stakeholder partnerships
3. FEMA Community Rating System audits for flood insurance rate discounts
4. Annual Updates



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Pima County Regional Flood Control District

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