

**Floodplain Management Plan Planning Committee Meeting Agenda
For
December 16, 2019**

Invitees:

Allyson Solomon, Metropolitan Pima Alliance
Arlan Colton, University of Arizona Planning Program
Brian Powell, Natural Resources Parks and Recreation Department
Carolyn Campbell, Coalition for Sonoran Desert Protection
Catlow Shipek, Watershed Management Group
Chris Gurton, Country Financial
Christina McVie, Tucson Audubon Society
Diana Durazo, County Administrator's Office
Eric Holler, Community Water Coalition
Eric Shepp, Pima County Regional Flood Control District
Griselda Moya-Flores, Pima County Office of Emergency Management
Ian Sharp, Farmers Investment Company
Ivy Schwartz, Tucson Mountain Association
Jason Ground, Pima County Communications
Jeff Guthrie, Pima County Office of Emergency Management
Jim Cunningham, Pima County Department of Transportation
Jonathan Horst, Tucson Audubon Society
Lola Graeme, Catalina Foothills Association
Matt McGlone, Pima County Office of Emergency Management
Nicole Fyffe, Pima County Administrator's Office
Patrick Marum, Southern Arizona Homebuilders Association
Peter Chesson, Tucson Mountain Association
Sandra Espinoza, Pima County Office of Emergency Management
Shane Clark, Pima County Office of Emergency Management
Shawn Cote, Southern Arizona Homebuilders Association
Steve Dolan, Tucson Mountain Association
Steve Huffman, Tucson Association of Realtors
Terri Tillman, Pima County Development Services Department
Tim Campbell, Farmers Investment Company
John Blasket, San Xavier District of the Tohono O'Odham Nation

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- 1) Welcome & Introductions
- 2) Project Schedule Review
- 3) Problem List Approval (attached)
- 4) Goals Approval (attached) - The tally of results from the prioritization exercise based on the draft goals conducted in the last meeting will be presented to facilitate finalization.
- 5) Next Steps:
 - a) Activity Review Introduction
 - b) Presentation of Action Plan Format
- 6) Adjournment

Reminder, the next meeting is scheduled for 1:30-3:30 January 16, 2020 at the Tucson Association of Realtors Board Room at 2445 N. Tucson Blvd.

Notes:

Opportunities for Improvement (aka Problem List)

Unique Local Hazards

- Erosion
- Debris flows and sedimentation
- Alluvial fans
- Distributary and uncertain flow paths
- Canyon wash floodways
- Sheet flooding
- Missing, outdated information and approximate mapping
- Subsidence and changes in topography
- Upper watershed land management
- Water rights, recharge projects, and managed surface flows

Future Environmental Conditions

- Changing weather
- Unknown hazards
- Vegetation changes
- Climate change including extreme events and extended dry periods
- Post catastrophic fire impacts

Population Exposure to Hazards

- Critical facilities and utilities in the floodplain (potential loss of service)
- Floodplain populations especially those with low mobility and resources
- All-weather and emergency vehicle access
- Pondered water and virus vectors (mold, mosquitos, etc.)
- Underinsured and uninsured

Existing and Future Development

- Existing development that does not meet current standards(old and undersized infrastructure)
- Historic entitlements not based on current hazard information
- Increasing runoff volume due to cumulative improvements
- Loss of natural floodplain function
- Lot splitting and wildcat developments
- Infill and redevelopment
- Encroachment and channelization
- Regional scale projects
- Flow diversions
- Groundwater depletion
- Riparian habitat disturbance
- Loss of natural tributary connectivity
- Water quality and spread of contamination

Maintenance Needs

- Private infrastructure
- Public infrastructure
- Conveyance capacity
- Illegal dumping activities
- Trash accumulation
- Invasive species

Emergency Response

- Inter-agency 2-way reporting during events for road closures and situation assessment
- Public tools for near real time reporting
- All-weather access for responders
- Advanced warning for road closures and flooding
- Publication of alternate routes
- Fire nexus
- Swift water rescues

Emergency Management

- Real time status update of conditions as they evolve during a flooding event
- Tools for near real time reporting of potential risks to specific communities during a flooding event
- Advance warning of potential road closures that would impact egress/ingress and therefore impede evacuation ability

Unauthorized Uses

- Homeless camps
- Off-road vehicles
- Grazing
- Utilities
- Encroachments
- Riparian habitat destruction
- Flow diversions

Awareness

- District services
- Pima County services
- Best practices
- Flood hazards in the desert
- Interjurisdictional collaboration opportunities
- Inter-departmental/integrated planning needs

Proposed Floodplain Management Plan Goals:

1. Prevent flood and erosion damages including ensuring the operability of critical facilities during flood events;
2. Ensure that those who occupy areas within regulatory floodplain and erosion hazard areas assume the responsibility for their actions within those areas;
3. Ensure the most effective expenditures of public money for flood control projects;
4. Reduce the need for rescue and relief efforts;
5. Protect, preserve and restore watercourses and the natural floodplain greenways and riparian habitat associated with them;
6. Protect, preserve and enhance groundwater recharge;
7. Ensure flexibility for adaptive floodplain management for changing climate circumstances; and
8. Offer inter-jurisdictional floodplain management services.