



City of Phoenix Floodplain Management Plan (FMP) 2025

FMP Committee Meeting #2

February 05, 2025



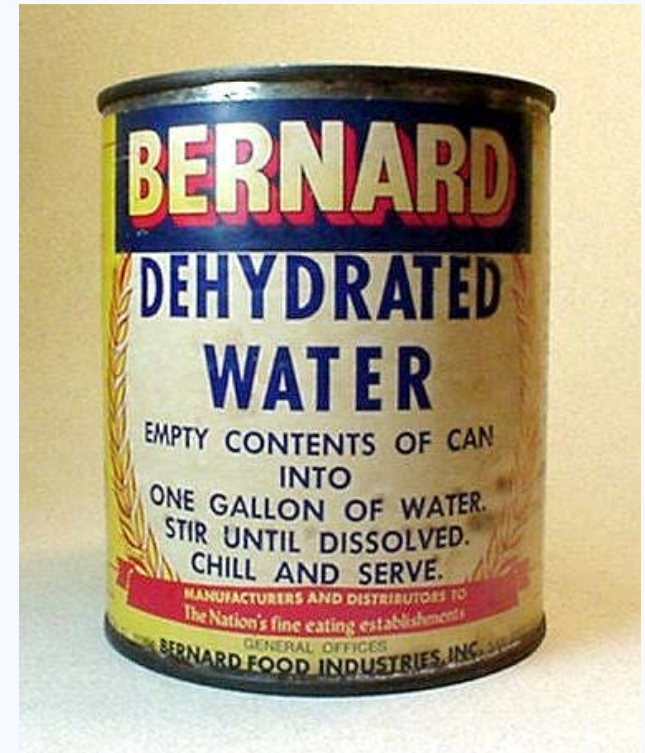
AGENDA

- Safety Moment
- Introductions (If Needed)
- Overview of FMP Mtg# 1: Flood Hazard Identification
- Impacts of Hazards – Assessing the Problem
- Group Breakout – Hazards and Problems Discussion
- Group Report Out and Discussion
- Next Steps



SAFETY MOMENT – OVERLOOKED WINTER HAZARDS

- DEHYDRATION
 - Drier, less humid air can exacerbate fluid loss
 - Hydrate early and often
- UV RAYS
 - Sun's rays are harmful even during summer
 - Cover up, wear sunglasses and broad-spectrum sunscreen
- CARBON MONOXIDE
 - Install/Test CO Detectors



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INTRODUCTIONS



- NAME
- ORGANIZATION
- ROLE WITH FLOOD PLANNING, MITIGATION, AND/OR EMERGENCY MANAGEMENT



OVERVIEW OF CRS ACTIVITY 510 – FLOODPLAIN MANAGEMENT PLAN

- Step 1 – Organize
- Step 2 – Involve the Public
- Step 3 – Coordinate
- Step 4 – Assess the Hazard (FMP Committee Meeting #1)
- **Step 5 – Assess the Problem (FMP Committee Meeting #2)** ← TODAY'S MEETING
- Step 6 – Set Goals (FMP Committee Meeting #3)
- Step 7 – Review Possible Actions (FMP Committee Meeting #4)
- Step 8 – Draft an Action Plan (FMP Committee Meeting #5)
- Step 9 – Adopt a Plan
- Step 10 – Implement, Evaluate, and Revise



2016 HAZARDS IDENTIFIED

- Historic and Repetitive Flooding Areas
- Dam Failure
- Levee Failure
- Flooding
- Future Development Trends
- Earth Fissures
- Land Subsidence
- Other Hazards
 - Drought
 - Extreme Heat
 - Severe Wind
 - Wildfire



2025 FMP Mtg #1: FLOOD HAZARD IDENTIFICATION

- Special Flood Hazard Areas
 - Riverine Flooding
 - Canal Embankments
- Alluvial Fan
 - Transition from Mountain to Urban Landscape
- Urban Flooding
 - Sheet Flow → Channelized Flow
 - Developments on Fill in Floodplain Fringe
 - Local Flooding
 - Age of Development and Infrastructure
 - Under Capacity Infrastructure
 - Un-Delineated Flood Hazards
 - Wash and Basin Vegetation Maintenance
 - Infill Development



Additional Hazards for Consideration



- Dam and Levee Failure
- Other Non-Flood Related Hazards
 - Climate Change
 - Wildfires
 - Drought
 - Funding



Impacts of Hazards & Assess the Problem



- Life Safety
 - Emergency Warning and Response
 - Evacuations
- Public Health
 - Health Hazards to Individuals – flood waters and mold
- Critical Facilities and Infrastructure
 - Airports, Water Treatment, Fire and Police, Utilities
 - Schools, Hospitals, Senior Care Facilities



Impacts of Hazards & Assess the Problem

- Economy
 - Impacts to Major Employers
- Natural Floodplain Functions
 - Areas Impacted
 - Environmental and Aesthetic Impacts
- Development, Redevelopment, and Population Trends
 - Future Impacts on community, watershed, and natural resources
- Future Flooding Conditions



ASSESS THE PROBLEM

BREAK OUT – 30 MINUTES

Group 1

City Council Districts
1, 2, and 3

Group 2

City Council Districts
4, 5, and 6 North

Group 3

City Council Districts
6 South, 7, and 8

Impacts Hazards on the following:

- Life Safety
- Public Health
- Critical Facilities and Infrastructure
- Economy
- Natural Floodplain Functions
- Development, Redevelopment, and Population Trends
- Future Flooding Conditions

Hazards Identified:

- Special Flood Hazard Areas
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Infrastructure

- Under Capacity Infrastructure
- Un-Delineated Flood Hazards
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- Infill Development
- Dam and Levee Failure
- Other Non-Flood Related Hazards
 - Climate Change
 - Wildfires
 - Drought
 - Funding



TAKE A BREAK! 10 MINUTES



IMPACTS OF HAZARDS DISCUSSION

- Description of impact hazards identified have on:
 - Life, safety and the need for warning and evacuation
 - Public health, including health hazards to individuals from flood waters and mold
 - Critical facilities and infrastructure
 - City's economy and major employers

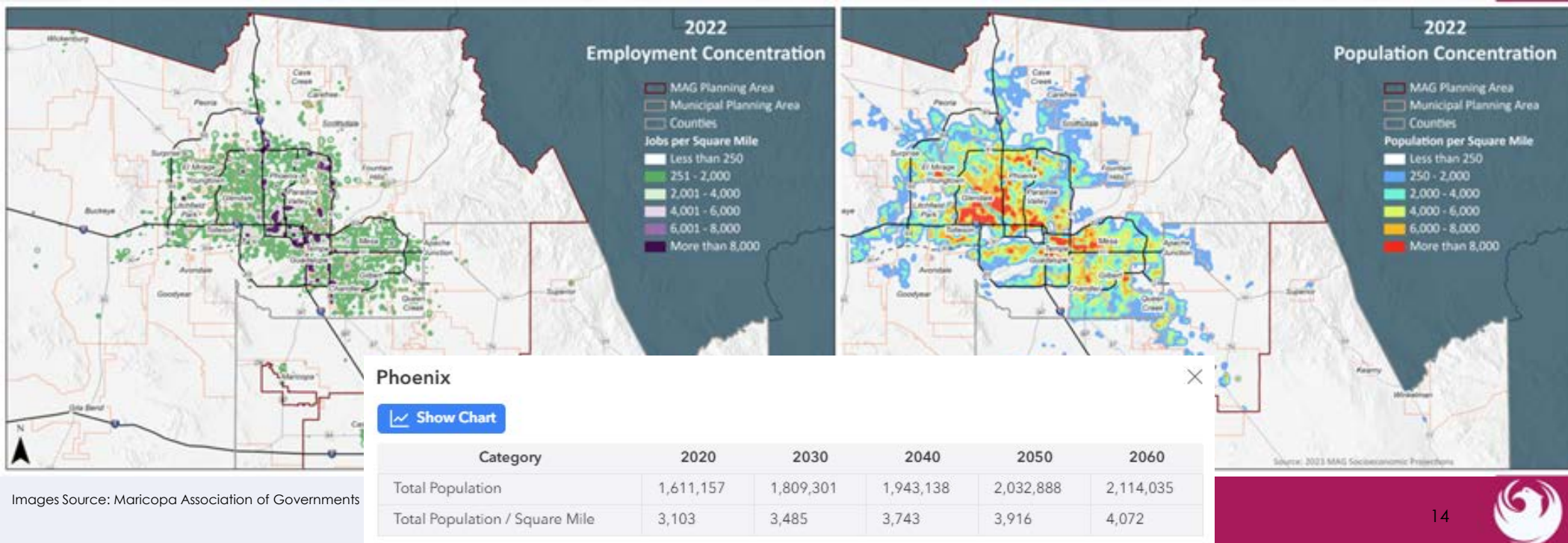


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IMPACTS OF HAZARDS DISCUSSION

- Areas that provide natural floodplain functions
- Description of development, redevelopment, population trends



IMPACTS OF HAZARDS DISCUSSION

- Impacts of future flooding conditions on people, property and natural floodplain functions from:
 - Changes in floodplain development and demographics
 - Development in the watershed
 - Climate change



Get this image on [Slide 1](#) of the presentation



NEXT STEPS:

- Ongoing coordination with FMP Committee
- Public Survey
- Public Meetings
- **Next Meeting**
 - Wednesday, February 26, 2025 @ 9am – Set Goals
 - Phoenix City Hall - 200 W Washington Street, 85003





Questions?

Next FMP Committee Meeting | February 26, 2025 | 9am City of Phoenix, City Hall

