



Prince George's County Hazard Mitigation Plan 2023 Update

Mitigation Advisory Committee Kick-Off

September 16, 2022 | Microsoft Teams (Virtual)

AGENDA

- Introduction
- Local Hazard Mitigation Plan Update Overview
- Discussion: Current Plan Status
- Next Steps

Introductions

The Decision Makers

- Mitigation Advisory Committee (MAC)
- Maryland Department of Emergency Management (MDEM)
- FEMA Region III

Dewberry Team

- Scott Choquette, Project Manager
- Jade Payne, Deputy Project Manager
- Hanna Rush, Mitigation Planner and HIRA Lead
- Jesse Nelson, Mitigation Planner
- Jillian Browning, Hazus Lead
- Other SMEs as-needed

Why have a hazard mitigation plan?



- Reduces or eliminates the need to respond (Lessens resource burden)
- Creates resiliency and sustainability
- Promotes Data sharing between different levels of government and academia
- Supports decision-making
- Disaster Mitigation Act of 2000
 - Certain FEMA Public Assistance (State Plans)
 - FEMA's Hazard Mitigation Assistance Programs

Hazard Mitigation Grants

- Local communities must have a FEMA-approved Hazard Mitigation Plan in place to receive Federal grant funds for hazard mitigation projects, such as:
 - **BRIC** (Building Resilient Infrastructure and Communities)
 - **HMGP** (Hazard Mitigation Grant Program)
 - **HMGP Post Fire**
 - **FMA** (Flood Mitigation Assistance)
- Other (non-FEMA) funding sources



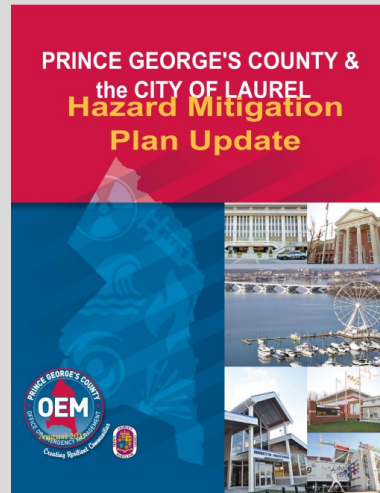
Prince George's Planning Context



Dewberry will:

- Facilitate the process
- Provide technical expertise and consultation
- Do the heavy lifting

2017 HM Plan



You will:

- Participate and provide hazard information in a timely manner
- Make final decisions
- Provide local context

Maryland

Hazard Mitigation Plan Update

Overview

Planning Process

Integrating Best Practices



Coordinate & Collect Data

Regional Climate Projections
CDC SVI Data
Comprehensive Plan Data



Analyze Capabilities

Future Conditions
Plan Integration



Assess Risks

Climate Projections
Social Vulnerability Analysis
Future Development Analysis



Develop Mitigation Strategy

Mitigation Actions
Plan Integration
Social Vulnerability & Future Development Considerations



Decide Implementation Procedures

Public Involvement
Plan Integration
Priority Actions



Review & Adopt Plan

Public Involvement
Plan Integration
Priority Actions



Public & Stakeholder Outreach

Public Outreach Strategy



Stakeholder & Community
Champion
Engagement



Project Website



Online Survey



Virtual Workshops /
Public Meetings



Neighboring
Jurisdictions
Engagement



Videos



Story Map

Hazard Mitigation Plan



Project Milestones

We are here



- 2017 plan review
- Initial research and online data collection

- Data collection
- Capability assessment survey
- Outreach website
- Stakeholder lists

- Public Survey
- Capability assessment
- Hazard ID & risk assessment
- Mitigation goals & objectives
- 1st Public Meeting

- Mitigation strategy
- Plan maintenance procedures

- Draft Plan
- 2nd Public Meeting

- MDEM and FEMA Reviews
- Adoption

Plan Update Requirements

Per 2022 FEMA Local Mitigation Planning Policy Guide

- **Reflect changes in development:**
 - Increases or decreases in hazard vulnerability, changes in social vulnerability, changes in capabilities
 - New construction, planned development
 - Climate change, population changes, policy/regulatory changes
- **Reflect changes in priorities and progress in local mitigation efforts:**
 - Written narrative for PG County and the City of Laurel
 - Status of all hazard mitigation actions in the previous plan
 - Description of how mitigation plan was integrated into other planning mechanisms

Right-Sizing the Update Scope

Per 2022 FEMA Local Mitigation Planning Policy Guide

- The participants choose the scope
- “Where hazard risk has not significantly changed, a jurisdiction may simply use the update process to **review, fill in gaps and verify existing information**. The updated plan must document that the information was reviewed and remains accurate.”
- “The **update may be small if relatively little has changed**, or it may be large if more engagement is needed to bring together partners and stakeholders due to changes in demographics, development, and disaster frequency and intensity.”

Improvements to the Plan

- **Hazus** Loss Estimation
- Expanding stakeholder and public **outreach**
- Address **future conditions** (i.e., climate change land use change, population change)
- Integrate equity and **social vulnerability**
- Include **Community Lifelines**
- Emphasizing **building codes and land use and development ordinances**
- Align with NFIP, **CRS**, and Risk MAP (flood risk mapping)
- Meet high **hazard potential dam grant program requirements** (include all dam risks)
- **Plan integration** (e.g., Prince George's PLAN 2035, 2021 MD State HMP)

Current Plan Status & Updates

Discussion

HIRA Components



Hazard Ranking



Hazard Profiles



Climate Change Impacts



Hazard History (Locations, Extents, Occurrences)



Vulnerability, Exposure, and Loss Estimations



Probability of Future Events



Potential Impacts



State HMP Integration

Hazard Type	2017 Ranking	2023 Consideration Level
Riverine Flooding	High	Changes?
Coastal Flooding	Medium-Low	
Severe Storms (Flood-Related)	High	
Flood Risk – Dam Failures	Medium	
Flood Risk – Levee Failures	Medium	
Tornadoes	High	
Severe Storms (Wind-Related)	Medium-High	
High Winds	Medium-High	
Hurricanes/Tropical Storms (Wind-Related)	Medium-High	
Winter Storms/Blizzards	Medium-High	
Wildfire	Low	
Drought	Medium-Low	
Earthquakes	Medium	
Land Movement/Landslides	Medium-Low	
Sinkholes	Low	
Extreme Heat	Medium	
Extreme Cold	Medium-Low	



Hazard Ranking Priority

Goal & Objective Development

Proposed Changes to be More Specific

2017 Goal

It is the goal of Prince George's County and the City of Laurel, Maryland, to protect and improve the public health, safety, and welfare of its communities, and to expand the resiliency of livable communities by:

- Increasing public awareness of natural hazards and risk reduction measures; and
- Mitigating risks due to natural hazards.

+ MD State HMP

+ PLAN
2035



+ 2022 FEMA
Mitigation
Policies

Strategic Categories



Physical projects



Capability and Capacity Building



Public Awareness and Education



Forward-Looking Policy and Planning

Mitigation Strategy

What do you want to focus on?

- Emphasize future conditions in the STAPLE/E action prioritization method
 - Climate projections, social vulnerability, community lifelines and future development
- Integrate actions from other related State, Regional, County, and City plans or reports
- Start thinking about what projects and actions you want to see happen over the next 5 years.



Discussion: Developments Since 2017

- What **hazard events** have you experienced?
- What **mitigation projects** have you completed?
- What are your **current priorities**?
- What about the 2017 plan would you like to see **changed**?
- How can we **make the plan more useful**?
- How can we make going from **actions in the plan to implementing projects** easier/more likely?



Discussion

Next Steps

Schedule & Action Items

	Sep	Oct	Nov	Dec	Jan '23	Feb	March
HM Plan Milestone:	Kick-Off	Outreach Begins	HIRA & Strategy Workshops	Draft Plan	MDEM Review	FEMA Review	Adoption
Review 2017 HMP							
Data Collection							
HIRA							
Capability Assessment							
Revise Goals + Objectives							
Mitigation Strategy Development							
Public Engagement							
HMP Writing / Revising							
MDEM Review / Approval							
FEMA Review / Approval							
Plan Adoption, Approval Letters, Plan Distribution							

Project Schedule

What We Need From You:

1. Contact List (suggested stakeholder list already sent)
2. Requested Data for HIRA (list already sent)
3. Comments received from FEMA Region 3 in 2017 (FEMA review tool)
(*new request*)
4. Capability Assessment Worksheet – County and City each get one
(*coming soon*)
5. Mitigation Strategy Status Update (*coming soon*)

Please email to Jade Payne (jpayne@dewberry.com)

Questions?

