

# George Washington Region Hazard Mitigation Plan

2022 Plan Update  
Project Management Team Meeting  
June 24, 2022



# Welcome & Agenda Review

- Welcome & Roll Call
- Agenda Review
  - Project Status Update; Review of Tasks & Timeline
    - Local In-Kind Match Time Tracking
    - Review of Completed Tasks and Timeline
    - Pending Tasks; Chapter Reviews/Input and Public Engagement Activities; Minimum Stakeholder Engagement Requirements
    - Hazard Identification Recap

# Welcome & Agenda Review

- Agenda Review Cont'd
  - Evaluate/Update Original Mitigation Goals and Strategies
    - Mitigation Strategy Requirements
    - Plan Update Requirements
  - Next Steps
    - Upcoming Tasks
    - Public Survey
    - Future Meetings

# Project Status Update

- Local In-Kind Match Time Tracking
- Review of Completed Tasks and Timeline

# Project Status Update

- Pending Tasks; Chapter Reviews/Input and Public Engagement Activities; Minimum Stakeholder Engagement Requirements
  - Chapter Reviews
    - Chapters 1, 2, 3, and 6; NFIP Surveys
    - Chapter 7
  - Local updates on public engagement?

# Project Status Update

- Pending Tasks; Chapter Reviews/Input and Public Engagement Activities; Minimum Stakeholder Engagement Requirements
  - Minimum Stakeholder Engagement Requirements
    - The planning process shall include an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process.
  - Specific Stakeholders to Engage?
    - Neighboring communities include adjacent counties and municipalities, such as those that are affected by similar hazard events or may be partners in hazard mitigation and response activities.
    - “Regional organizations including the University of Mary Washington, Mary Washington Hospital, Germanna Community College, and Spotsylvania Regional Hospital are important stakeholders given their roles in community education and emergency response, and contributed to the formation of the hazard mitigation strategies found in Section 7.”

# Project Status Update

- Hazard Identification Recap
  - The current Plan identifies and considers vulnerability, risk, and mitigation for the following hazards:
    - Dam Failure
    - Drought & Extreme Heat
    - Wildfires
    - Earthquakes, Sinkholes & Landslides
    - Flooding
    - Non-Rotational Wind (Hurricanes & Thunderstorms)
    - Tornados
    - Winter Storms & Nor'easters
  - Additionally, the current Plan discusses the potential effects of climate change on hazards

# Project Status Update

Current Plan Hazards	Plan Update Hazards	
Dam Failure	Dam/Levee Failure	Drought
Drought & Extreme Heat	Extreme Heat	Wildfires
Wildfires	Earthquakes	Sinkholes
Earthquakes, Sinkholes, & Landslides	Landslides	Flooding
Flooding	Hurricanes & Tropical Storms	Tornadoes
Non-Rotational Wind (Hurricanes & Thunderstorms)	Thunderstorms (Lighting, Hail & Strong Winds)	Winter Weather, Nor'easters & Ice Storms
Tornadoes	Pandemic/Infectious Agent	Civil Disturbance
Winter Storms & Nor'easters	Impaired Waterways	Technological Hazards (Cybersecurity Risk, Aging Infrastructure, Hazmat, Bio-Hazards, Industrial Accidents)

# Evaluate/Update Original Mitigation Goals and Strategies

- Mitigation Strategy Requirements
  - The Plan shall include a mitigation strategy that provides a blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and the ability to expand on and improve these existing tools.
    1. Mitigation Goals
    2. Mitigation Actions
    3. Action Plan

# Evaluate/Update Original Mitigation Goals and Strategies

- Mitigation Goals: The mitigation strategy shall include a description of mitigation goals to reduce or avoid long-term vulnerabilities to identified hazards. Mitigation goals should represent what the community seeks to achieve through mitigation plan implementation. Clearly, agreed upon goals provide the basis for prioritizing mitigation actions.
  - **Goal 1:** Identify and implement projects that will eliminate long-term risk, directly reduce impacts from hazards, and maintain continuity of critical societal functions.
  - **Goal 2:** Incorporate mitigation concepts and objectives into existing and future policies, plans, regulations, and laws in the Commonwealth.
  - **Goal 3:** Improve the quality of the data and analysis used in the hazard identification and risk assessment process in state, local, and university hazard mitigation plans.
  - **Goal 4:** Through training, education, and outreach promote awareness of hazards, their risk, and potential mitigation actions in order to increase resiliency.

# Evaluate/Update Original Mitigation Goals and Strategies

- Mitigation Actions: The mitigation strategy shall include a section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure. A mitigation action is a specific action, project, activity, or process taken to reduce or eliminate long-term risk to people and property from hazards and their impacts. Implementing mitigation actions helps achieve the plan's mission and goals.
  - 6 broad categories of mitigation techniques: prevention of future risk, Protection of the built environment, natural resource protection, hazard modification through construction, emergency services, & public education and awareness

# Evaluate/Update Original Mitigation Goals and Strategies

- Action Plan: The mitigation strategy shall include an action plan, describing how the actions identified will be prioritized, implemented, and administered by each local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs. Not all of the identified actions may be included in the final action plan because of technical feasibility, political acceptance, lack of funding, and other constraints. The planning team will evaluate and prioritize the most suitable mitigation actions for the community to implement.
  - 7 major criteria for prioritization: Social, Technical, Administrative, Political, Legal, Economic, and Environmental

# Evaluate/Update Original Mitigation Goals and Strategies

- Plan Update Requirements
  - The Plan must describe the status of hazard mitigation actions in the previous Plan; identify actions completed or not completed; for actions that have not been completed, the Plan must describe whether the action is no longer relevant or be included as part of the updated action plan.
  - The Plan must describe changes in priorities since the previous Plan was approved; does the Plan reflect current conditions, including financial, legal, and political realities, as well as post-disaster conditions?
    - Altered conditions due to disaster events and recovery priorities
    - Changing local resources, community needs, and capabilities
    - New State or Federal policies and funding resources
    - New hazard impacts identified in the updated risk assessment
    - Changes in development patterns that could influence the effects of hazards
    - New partners that have come to the table

# Next Steps

- Upcoming Tasks
- Public Survey
- Future Meetings

# Thoughts, Questions, Additional Business?



## Adjourn