



MIDDLE PENINSULA

Regional All Hazards Mitigation Plan Update

Local Planning Team – Meeting 1

January 25, 2021

Middle Peninsula All Hazards Mitigation Plan Update

LOCAL PLANNING TEAM

Meeting I

Monday, January 25, 2021 at 10am

Agenda

1. Welcome & Local Planning Team Introductions
2. Introduction to Plan
3. Components of Plan
4. Public Outreach
5. Hazus Contract with Dewberry
6. RAFT Program
 - Elizabeth Andrews, Virginia Coastal Policy Center at William and Mary Law School
 - Wie Yusuf, Old Dominion University
7. Community Profiles
8. Introductions to Local Hazards Identification
9. Next meeting(s)



WHY ARE WE UPDATING THE PLAN?

The Disaster Mitigation Act of 2000 (DMA 2K) legislation established the Pre-Disaster Mitigation (PDM) Program and created requirements for the Post-Disaster Hazard Mitigation Grant Program (HMGP). DMA 2K requires local governments to develop and submit mitigation plans that demonstrate “a jurisdiction’s commitment to reduce risk from natural hazards, serving as a guide for decision makers as they commit resources to reducing the effects of natural hazards.” Upon completion, the final plan must be approved by the Virginia Department of Emergency Management (VDEM) as well as the Federal Emergency Management Agency (FEMA), and then adopted by each participating jurisdiction. An update must be completed/updated every five years to remain compliant with FEMA.



WHY DO WE HAVE A PLAN?

For Middle Peninsula localities to receive future Hazard Mitigation Assistance funding from FEMA, communities must be in good standing with the National Flood Insurance Program (NFIP) and be a participating part of an All-Hazards Mitigation Plan.

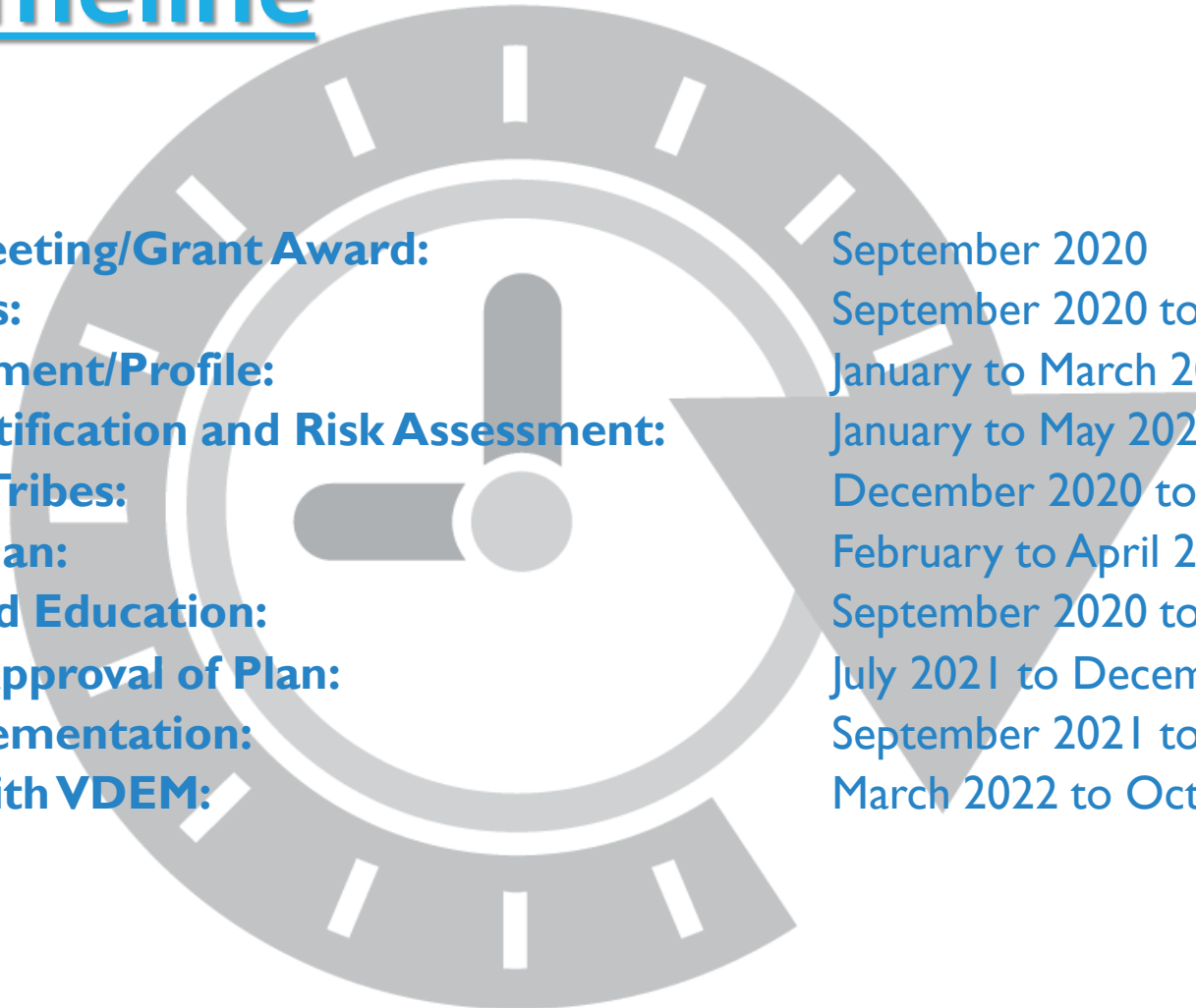
If a locality does not participate and adopt a Hazards Mitigation Plan, then that locality and its citizens are at risk of:

- Not being eligible to receive post-disaster hazard mitigation funding (i.e. Hazard Mitigation Grant Program (HMGP)) from FEMA funding;
- Not maintaining compliance of your local floodplain management program;
- Not having access to Federal Flood Insurance Policies; and
- Not having access to federally backed mortgage or having federally backed mortgages recalled within your community.

Project Timeline

Tasks

- **Implementation Meeting/Grant Award:** September 2020
- **Organize Resources:** September 2020 to February 2021
- **Community Assessment/Profile:** January to March 2021
- **Revise Hazard Identification and Risk Assessment:** January to May 2021
- **Coordination with Tribes:** December 2020 to October 2022
- **Revise Mitigation Plan:** February to April 2021
- **Public Outreach and Education:** September 2020 to July 2022
- **VDEM and FEMA Approval of Plan:** July 2021 to December 2021
- **Adoption and Implementation:** September 2021 to October 2022
- **Project Closeout with VDEM:** March 2022 to October 2022



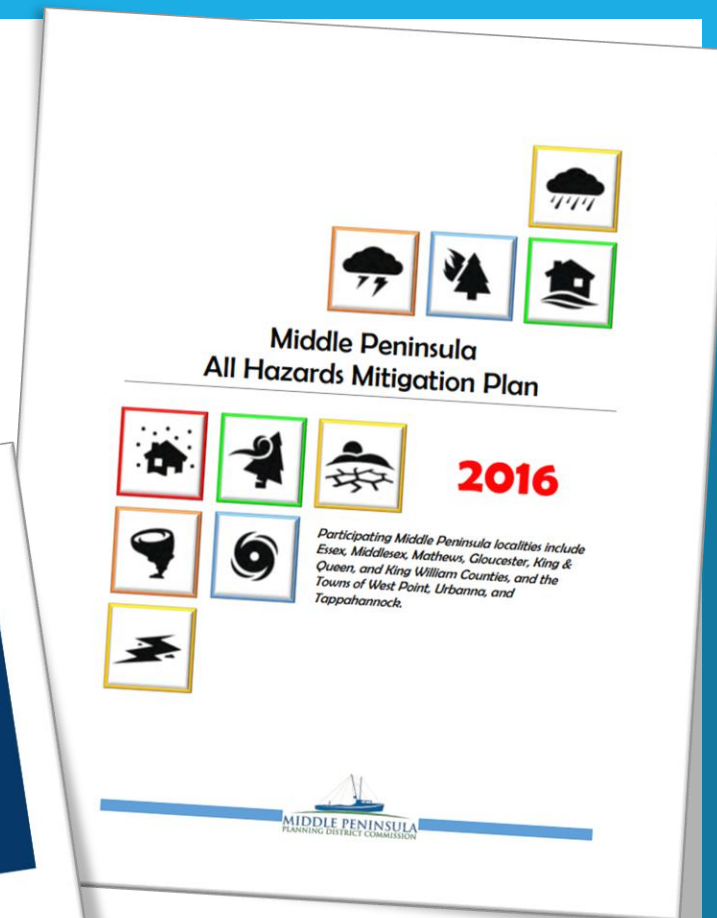
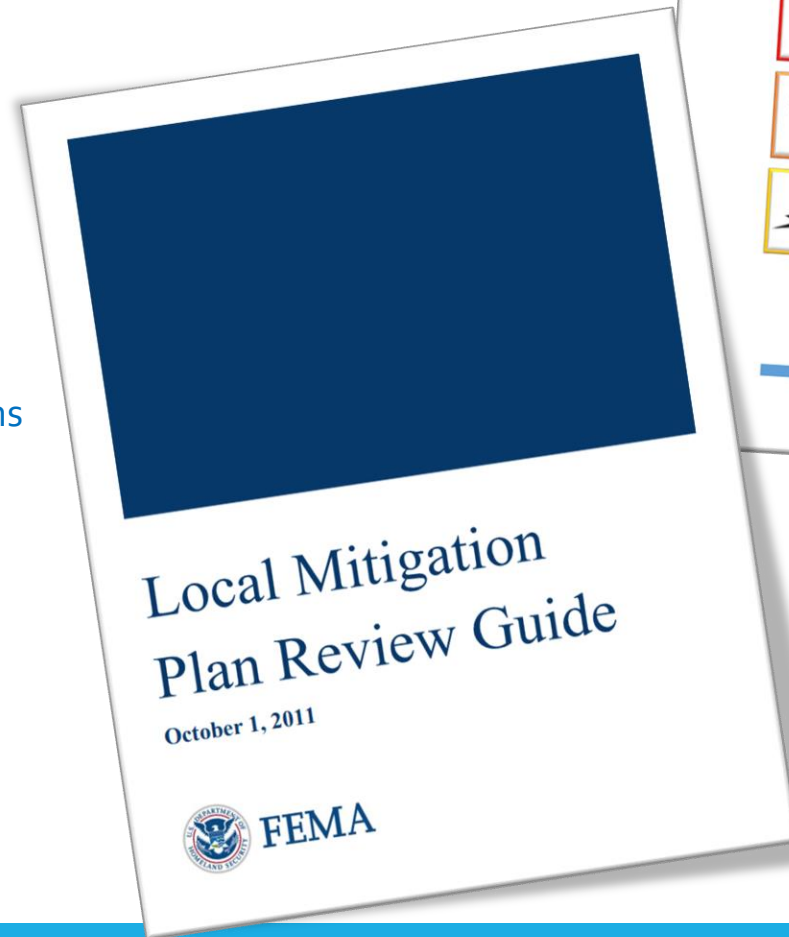
Local Planning Team (LPT) – YOUR ROLE

- Organize and attend regular meetings (virtual and/or in person) of the LPT. Attendance will be documented in the PDC monthly meeting packet.
- Engage in consensus decision making – “everyone actively supports – or at least can live with”
- Assist the LPT with developing and conducting an outreach strategy to involve other planning team members, stakeholders, and the public, as appropriate.
- Identify community resources available to support the planning effort, including meeting spaces, facilitators, and media outlets.
- Provide data and feedback to develop the risk assessment and mitigation strategy, including a specific mitigation action plan for your Jurisdiction.
- Submit the draft plan to your Jurisdiction for review.
- Work with the LPT to incorporate all comments into the draft plan.
- Submit the draft plan to respective governing body for consideration and adoption.
- After adoption, coordinate a process to monitor, evaluate, and work toward plan implementation.



Components of the AHMP

- **Section 1** – Introduction
- **Section 2** – Planning Process
- **Section 3** – Community Profile (Planning Area)
- **Section 4** – Hazard Identification
- **Section 5** – Hazus Assessment
- **Section 6** – Capability Assessment
- **Section 7** – Review of Strategies from previous plans
- **Section 8** – New Mitigation Goals, Objectives, and Strategies
- **Section 9** – Implementation Plan
- **Section 10** – Plan Adoption
- **Section 11** – Plan Maintenance



FEMA Training Opportunities



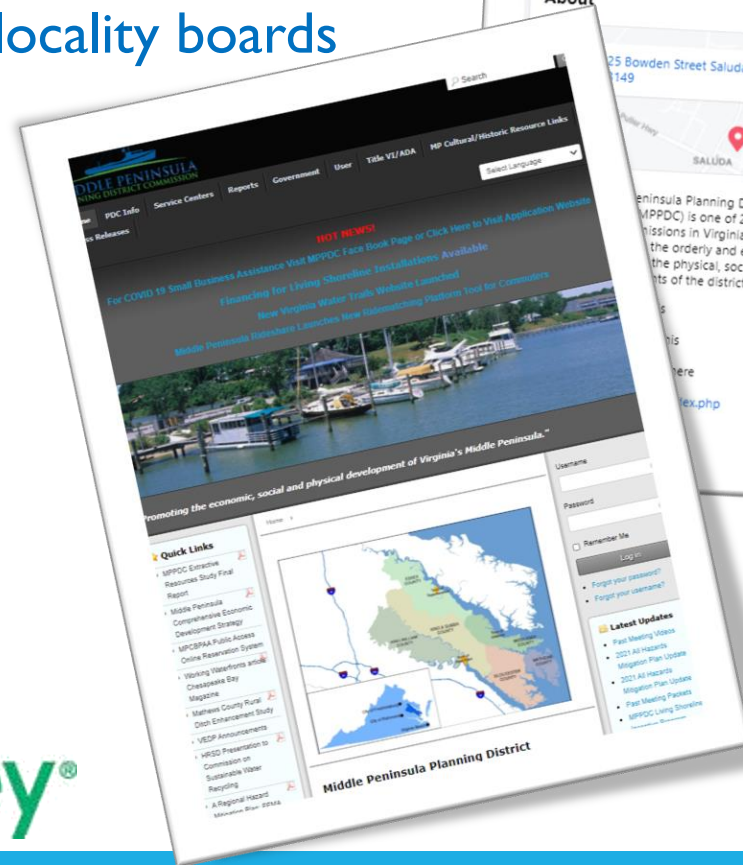
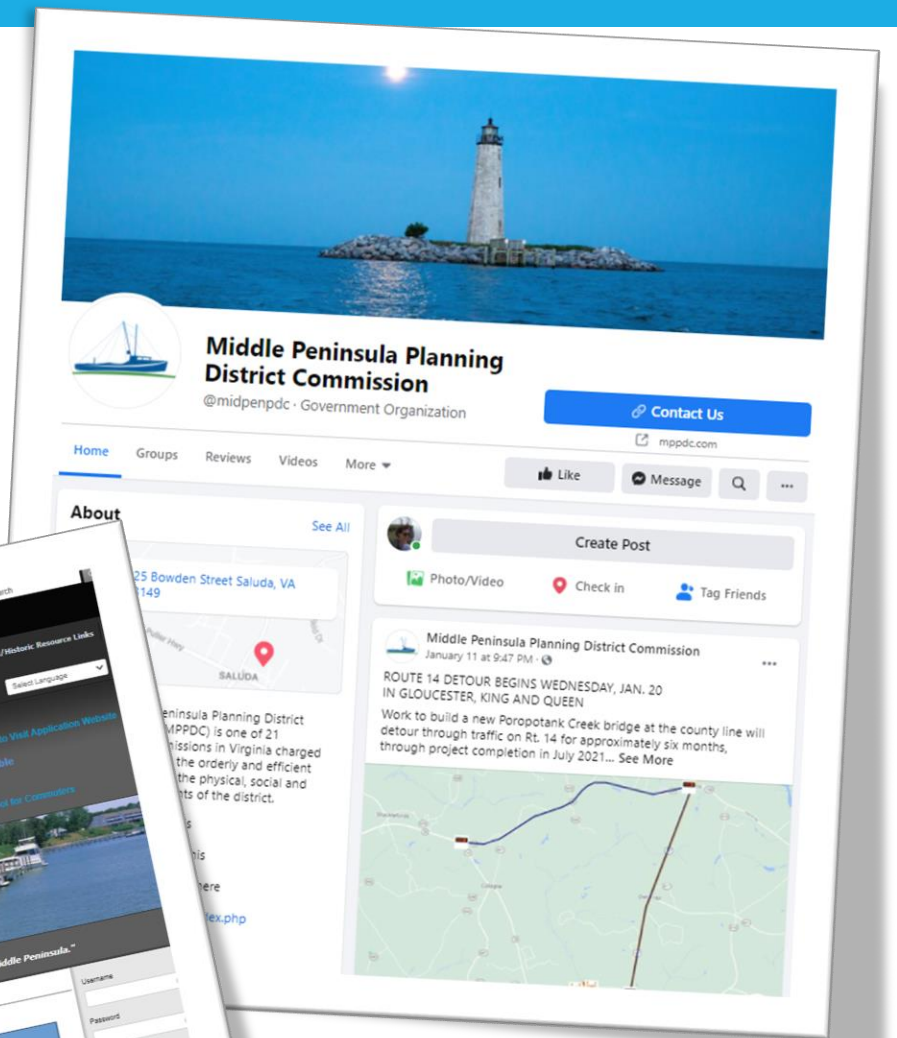
| Module Title | Expected Duration | Description |
|---------------------------------------|-------------------|--|
| Planning Process | 2 hours | This module will cover how to select and organize people who will make for a successful planning process, garner public support for mitigation planning, incorporate hazard mitigation principles into existing plans, and document efforts throughout the planning process. |
| Conduct a Risk Assessment | 3 hours | This module explores a thorough process for conducting risk assessments highlighting how to optimize use of limited resources and how your risk assessment informs decision-making about mitigation actions, prioritization of action implementation. |
| Develop a Mitigation Strategy | 2 hours | This module will cover how to develop mitigation goals and objectives, effectively identify and evaluate mitigation actions, and formulate implementation plans to increase community resilience. |
| Adopt, Maintain, & Implement the Plan | 2 hours | This module will provide an overview of the Hazard Mitigation Plan (HMP) adoption, maintenance, and implementation processes, while also illustrating how a maintaining and implementing a HMP helps to reduce risk and improve resiliency. |

Public Outreach/The Planning Process

- The Planning Process (44CFT §201.6 (b)(1)) Requirement:
 - ❑ shall document the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved
 - ❑ 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
 - ❑ shall include an opportunity for the public to comment on the plan during the drafting stage and prior to plan approval
- 2016 Public Engagement
- COVID offers a new direction

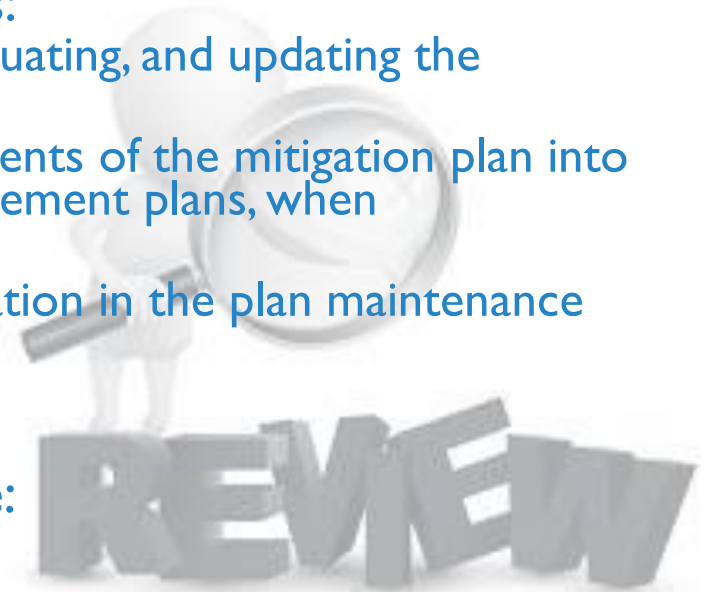
Outreach Suggestions

- PDC meeting updates
- Monthly or bi-monthly updates to locality boards and councils
- MPPDC website
- Social Media
- Surveys
- Print Media



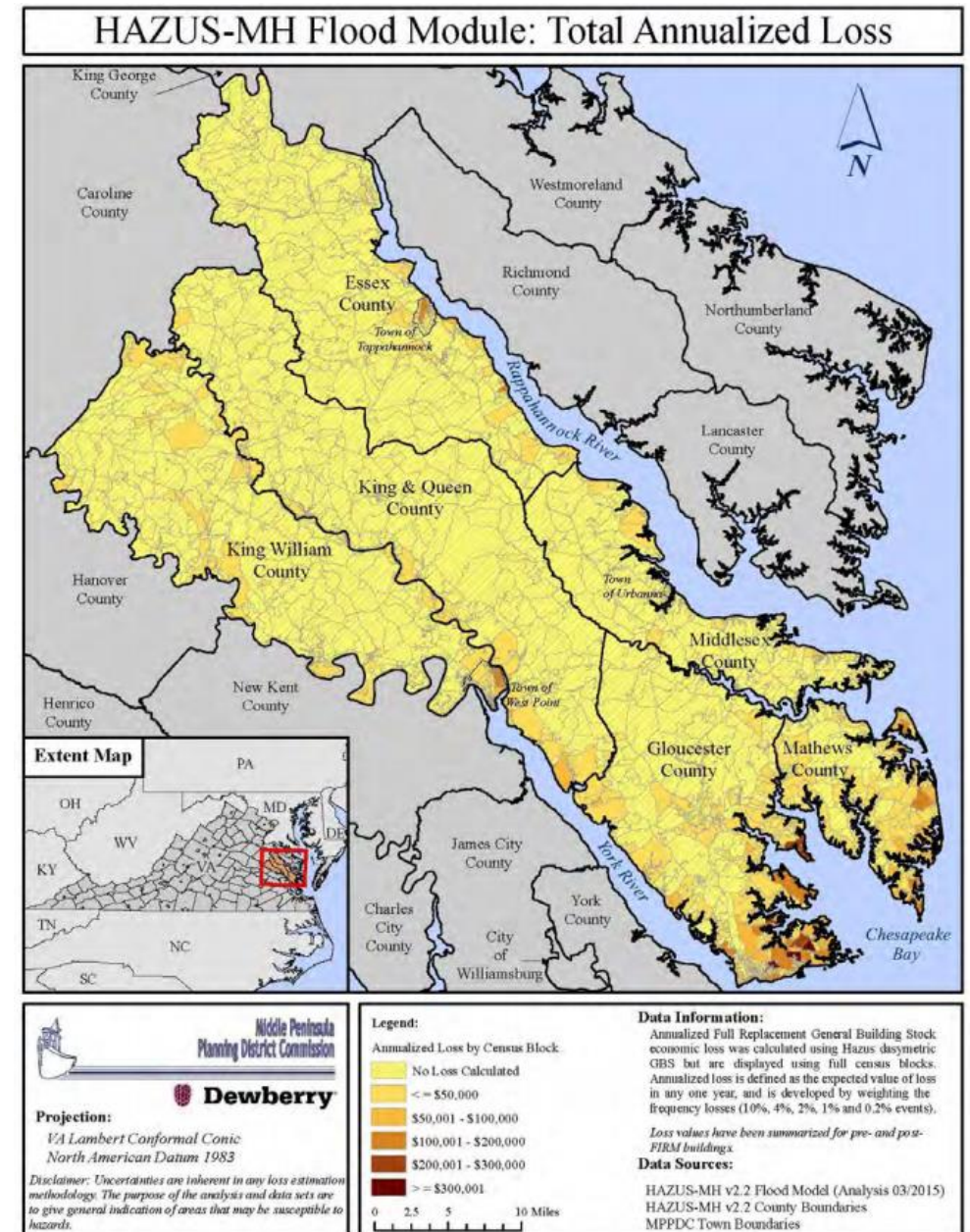
Plan Maintenance Process

- Plan Maintenance Process (44CRF§201.6(c)(4)) requirements:
 - (i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.
 - (ii) A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.
 - (iii) Discussion on how the community will continue public participation in the plan maintenance process.
- Maintenance Recommendations from FEMA Region 3 include:
 - Record any major disasters or hazard events
 - Document any new risk information or hazard data gathered
 - Review mitigation strategies and update progress on mitigation actions and noting new actions or project that were recently identified, funded, or underway.
 - Address needs required to implement your mitigation strategy such as training, data, or funding.
 - Review opportunities for integrating data and actions from the AHMP into other plans and programs.
 - Identify any challenges where technical assistance from the State or FEMA Region 3 would be helpful



HAZUS Assessment

- GIS-based software
- Risk modeling
- Estimates physical, economic and social impacts of hazards
- Dewberry Proposal –
 - Flooding
 - Hurricane wind
 - Sea Level Rise



Sea Level Rise Scenarios

- **2016 Plan - 2 Scenarios**

- Baseline scenario of Mean Higher High Water (MHHW)
- Plus 6-foot Scenario (Highest level of Risk assumed)
- Planning horizon 2100

- **Update Plan Options & Recommendations**

- Baseline scenario of Mean Higher High Water (MHHW)
- Planning horizon 2100

Options

- a) Highest Level of Risk Assumed – 11.29ft
- b) Intermediate High - 6.69ft

**Please note that Governor Northam signed Executive Order 45 in November 2019 to approve to except NOAA's Intermediate-High sea level rise curve as the planning standard for VA state-owned buildings

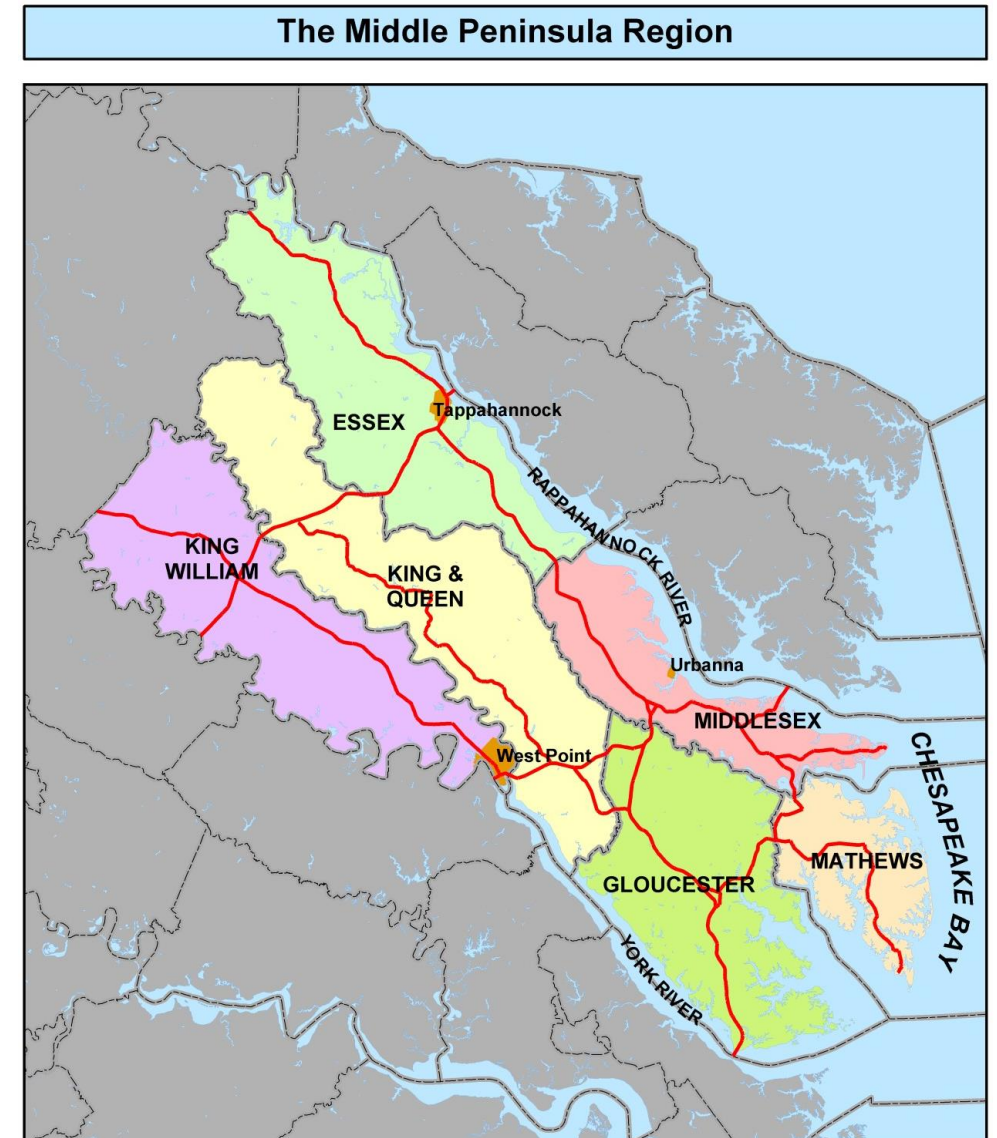


The RAFT

- Presentation by....
 - Elizabeth Andrews, Virginia Coastal Policy Center at the College of William & Mary Law School
 - Wie Yusuf, Virginia Climate Adaptation and Resiliency Program at Old Dominion University

Community Profiles

- Describes the project area
- Will need to update with 2020 Census Data
- Will send a copy of the 2016 profile for review and for updates.
 - Due back by **Friday, February 5th**.



Local Hazard Identification

Table 2: List of Hazards. The LPT identified the following as hazards that may impact the region.

| | |
|---|---|
| <ul style="list-style-type: none"> • Hurricanes • Ice Storms • Tornadoes (VA) • Coastal Flooding/Nor-easters (VA) • Coastal/Shoreline Erosion • Sea Level Rise (added in 2010) • Snow Storms • Riverine Flooding • Wildfires (VA) • High Winds/Windstorms • Dam Failure (VA) • Droughts (VA) • Lightning | <ul style="list-style-type: none"> • Earthquakes (VA) • Shrink-swell Soils • Extreme Cold • Extreme Heat • Land Subsidence/Karst (VA) • Landslides • Tsunamis • Volcanoes • Air Quality (added in 2016) • HAZMAT (added in 2016) • Ditch Flooding (added in 2016) • Summer Storms (added in 2016) |
|---|---|

- Based on comments from FEMA:
 - Remove volcanoes
- VA Hazard Mitigation Plan includes:
 - Communicable Disease
 - Non-rotational Wind
 - Solar Storm/Flare



Next Meetings

- Suggested:
 - Monday, February 8th 10am
 - Monday, February 22nd 10am
 - Monday, March 15th 10am
 - Monday, March 29th 10am

Contact

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