

Rappahannock-Rapidan Regional Hazard Mitigation Plan Update

Steering Committee Kickoff Meeting

March 29, 2017



Kickoff Meeting Agenda

- Introductions
- History of Hazard Mitigation Planning in the Region
- Overview of Hazard Mitigation – VDEM
- The Plan Update Process
- Roundtable Discussion
 - Other organizations to formally include in the update process
 - Other existing plans to review and/or incorporate
- Brief Exercise: Hazard Risk Assessment
- Next Steps

Introductions

- Name
- Jurisdiction/Organization you Represent
- Past Experience with Hazard Mitigation?
- Any specific issues/concerns?
- Any specific goals/outcomes?

Why Are We Here?

- A hazard mitigation plan is a stakeholder-driven document that a state, tribal, or local government uses to describe risks and vulnerabilities as well as long-term strategies and implementation approaches for reducing loss of life and property from natural disasters. Mitigation plans are key to breaking the cycle of disaster damage, reconstruction, and repeated damage.
- FEMA Requirement: State, Tribal, Local governments must develop and adopt hazard mitigation plans as a condition for receiving certain non-emergency disaster assistance
- Plan must be updated and resubmitted to FEMA for approval every five years in order to maintain eligibility

Grant Eligibility Matrix for Hazard Mitigation Plans

https://www.fema.gov/hazard-mitigation-plan-requirement	Mitigation Plan Required?	
FEMA Assistance Program	State	Local
Individual Assistance (IA)	No	No
Public Assistance (PA) Categories A & B (Debris Removal, Emergency Protective Measures)	No	No
Public Assistance (PA) Categories C to G (Repairs to Damaged Infrastructure, Publicly Owned Buildings)	Yes	No
Fire Mitigation Assistance	Yes	No
Hazard Mitigation Grant Program (Planning Grant)	Yes	No
Hazard Mitigation Grant Program (Project Grant)	Yes	Yes
Pre-Disaster Mitigation Grant (Planning Grant)	No	No
Pre-Disaster Mitigation Grant (Project Grant)	Yes	Yes
Flood Mitigation Assistance (Planning Grant)	Yes	No
Flood Mitigation Assistance (Project Grant)	Yes	Yes

Rappahannock-Rapidan Regional Hazard Mitigation Planning History

- The first regional plan was developed from 2004 – 2005 and adopted by ten participating jurisdictions
- Use of consultant to drive planning process
- This initial plan remains the foundation of the current plan

- The required five-year update began in 2009
- Local staff worked with RRRC staff to review and update the previously adopted plan
- Plan Effective Date: September 23, 2012
- Lessons learned from the update process

Considerations with Multi-Jurisdictional Hazard Mitigation Plans

- Enhanced coordination and communication among local and regional entities
- Avoids duplication of efforts
- Shared costs/resources and effective economies of scale

- Multi-Jurisdictional Plans must:
 - Assess each jurisdiction's risk where it may vary from the risk facing the entire planning area
 - Include identifiable actions specific to each jurisdiction requesting FEMA approval of the plan
 - Include documentation of formal adoption by each jurisdiction requesting FEMA approval

Overview of Existing Regional Hazard Mitigation Plan

*Indicates Requirement from CFR § 201.6

- Background
- Planning Process*
- Regional Profile
- Hazard Identification*
- Hazard Analysis*
- Vulnerability Assessment*
- Capability Assessment
- Mitigation Strategies*
- Plan Maintenance*
- Appendices (Including Adoption Resolutions*)



Hazard Mitigation Plan Update Scope of Work

Primary Goal: Complete required five-year review and update of Hazard Mitigation Plan and ensure continued compliance with FEMA requirements (§ CFR 201.6)

Secondary Goal: Review and incorporate information from other plans into updated Hazard Mitigation Plan

Secondary Goal: Improve mitigation strategies to better identify potential projects and more closely align with planned local projects

Proposed Hazard Mitigation Update Timeline

Project Tasks	Month											
	4/2017	5/2017	6/2017	7/2017	8/2017	9/2017	10/2017	11/2017	12/2017	1/2018	2/2018	3/2018
Hazard Analysis												
Hazard Identification	█	█										
Event Profiles	█	█										
Critical Asset Inventory	█	█	█									
Hazard Mapping		█	█	█								
Risk Assessment												
Loss Estimates		█	█	█								
GIS Analysis (HAZUS)		█	█	█								
Capability Assessment												
Plan, Policy, Program Review	█	█	█	█								
Resource Identification	█	█	█	█								
Mitigation Goals & Strategies												
Evaluate existing Goals & Strategies		█	█									
Research Alternatives		█	█	█	█							
Develop Updated Goals & Strategies			█	█	█							
Planning Coordination												
Plan Updates	█	█	█	█	█	█						
Public Outreach Activities	█	█				█		█	█	█		
Plan Adoption Process								█	█	█		
Meetings, Progress Reports & Deliverables												
Kickoff Meeting	█											
Project Management Team Meeting			█		█	█						
Draft Plan Review						█	█					
Progress Reports to VDEM/FEMA	█			█			█			█		
Final Plan Approval & Adoption								█	█	█	█	█

RRRC Regional Hazard Mitigation Plan Update
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Roles & Responsibilities - RRRC

- Project Management & Reporting to VDEM/FEMA
- Public Involvement (Survey, Committee Meeting Announcements)
- Documentation of Planning Process
- Facilitate local engagement (staff/stakeholders)
- Review and draft plan document revisions

- Update Hazard Events (past five years)
- Update Plan Hazard Maps
- Update Vulnerability Analysis (GIS analysis, when possible; National Climatic Data Center past event losses as an estimate for other hazards)

Roles & Responsibilities – Local Governments

- Internal Coordination: RRRC staff will reach out to each jurisdiction to schedule meetings with local staff/stakeholders
- Match Hours Tracking: Per the Letter of Intent from each jurisdiction, local staff time (including travel) will be tracked and utilized as part of the in-kind match for this grant project
- Local Review and Input Needed:
 - Critical Facilities
 - Review/Update and Develop New Mitigation Strategies
 - Local Capacity/Capability Assessment
 - Risks Unique to your Jurisdiction (when risk varies from that of the region)
- Share Plan Update information with Staff and Public (Social Media, Website links)
- Advertise Public Hearing for Adoption of the Plan once conditional approval from FEMA is granted
- Participate in Steering Committee meetings (bi-monthly)

Exercise: Risk Assessment Ranking

Hazard	Likelihood	Spatial Extent	Potential Impact
Dam/Levee Failure			
Drought			
Earthquake			
Erosion			
Flood			
Hurricane/Tropical Storm			
Landslide			
Severe Thunderstorm/Tornado			
Sinkholes			
Wildfire			
Winter Storm			

Should some hazards be combined? Missing Hazards?

Risk Assessment Ranking (2012 Plan)

Hazard	Likelihood	Spatial Extent	Potential Impact	Total
Dam/Levee Failure	1	2	2	5
Drought	1	3	2	6
Earthquake	1	3	1	5
Erosion	2	1	1	4
Flood	3	2	3	8
Hurricane/Tropical Storm	1	3	3	7
Landslide	2	1	1	4
Severe Thunderstorm/Tornado	3	1	2	6
Sinkholes	1	1	1	3
Wildfire	3	2	1	6
Winter Storm	2	3	2	7

Next Steps: Short-Term Data Requests

- RRRC will send formal request by April 7, 2017
- GIS: Parcels, E-911 Address Points, Building Footprints as available
- Critical Facilities
 - List of facilities in existing plan – Please review locally
- Mitigation Strategies
 - Locally-identified Strategies in existing plan
 - Review and provide status of existing strategies (i.e., completed, in progress)
- Responses requested by **Friday, April 28**