



MEETING NOTES

Meeting	State of West Virginia Hazard Mitigation Plan (HMP) State Planning Team (SPT) Draft Review Meeting		
Date	May 25, 2023	Time	9:00 – 10:45 a.m.
Location	National Weather Service Office, 1754 Hendrickson Drive, South Charleston, West Virginia		
Attendees	GE McCabe, Director, West Virginia Emergency Management Division (WV EMD)		
	Matt Blackwood, Deputy Director, WV EMD		
	Ginger Barnett, Chief of Mitigation and Recovery, WV Emergency Management Division (WV EMD)		
	Lonnie Bryson, Section Chief, WV EMD (remote)		
	Stephanie Carte, Individual Assistance Coordinator, WV EMD (remote)		
	Brad Hartley, Assistant Section Chief, Mission Support, WV EMD (remote)		
	Dale Hatfield, Mitigation Project Officer, WV EMD (remote)		
	Tim Keaton, State National Flood Insurance Program (NFIP)/Cooperating Technical Partner (CTP) Coordinator, WV EMD (remote)		
	Jason Means, Public Assistance Lead, WV EMD (remote)		
	Xzavier Morgan, Project Officer, WV EMD		
	Amberlea Perks, WV EMD		
	Jeffery Perry, Chief, Mission Support, WV EMD (remote)		
	Gabriel Reed, Hazard Mitigation Officer, WV EMD		
	Stephanie Rosier, Planner, WV EMD		
	Tammy Sneed, Project Officer, WV EMD		
	Nuvia Villamizar, GIS Manager, WV EMD (remote)		
	Al Whitaker, Lead Planning Officer, WV EMD (remote)		
	Melanie Boothe, CDBG-DR/MIT, WV Community Advancement and Development (WV CAD) (remote)		
	Amy Clark, Internal Auditor CDBG-DR/MIT, WV CAD (remote)		
	Ryan Halsey, Community Development Block Grant (CDBG) Infrastructure Project Manager, WV CAD (remote)		
	Jacob Wolfe, CDBG Project Manager, WV CAD (remote)		
	Sherry Risk, CDBG Program Manager, WV Department of Economic Development (remote)		
	Michelle Tharp, WV Department of Economic Development (remote)		
	Aaron Tonkery, Program Manager, WV Department of Environmental Protection (WV DEP) Dam Safety (Non-Coal) (remote)		
	David Hoge, Chief, Grants Section, WV Department of Homeland Security (remote)		
	Brett McMillion, Director, WV Division of Natural Resources (remote)		
	John McGrath, West Virginia Secretary of State's Office (remote)		
Robert Martin, Director, WV State Resiliency Office (SRO) (remote)			
Ed Martin, Deputy Director, WV SRO			



MEETING NOTES

Jenny Gannaway, Executive Director, WV Voluntary Organizations Active in Disaster (VOAD) (remote)
Gordon Merry III, Director, Cabell County Emergency Medical Services (remote)
George Eidel, Director of Emergency Management and Floodplain Management, Doddridge County (remote)
Paula Brown, Deputy Director, Greenbrier County Homeland Security and Emergency Management (remote)
Stephen Allen, Director, Jefferson County Office of Homeland Security and Emergency Management (remote)
Dick Myers, Deputy Director, Jefferson County OHSEM (remote)
Jason Roberts, Executive Director, Region 1 Planning and Development Council (PDC) (remote)
Kim Odle, Executive Assistant, Region 1 Planning and Development Council (remote)
Chris Chiles, Region 2 PDC (remote)
Bruce Mullins, Project Coordinator, Regional Intergovernmental Council (Region 3) (remote)
Kaleb Armentrout, Projects Information & Communications Specialist, Region 4 Planning and Development Council (remote)
Marilyn Guerrero, Region 4 PDC (remote)
Betsy Morris, Project Assistant, Region 4 PDC (remote)
Amanda Smarr, Project Assistant/GIS Coordinator, Region 4 PDC (remote)
Melissa O'Brien, Executive Director, Mid-Ohio Valley Regional Council (MOVRC) (Region 5) (remote)
Joel Davis, Project Administrator, MOVRC (Region 5) (remote)
Luke Peters, Community Development Director, MOVRC (Region 5) (remote)
Sheena Hunt, Executive Director, Region 6 PDC (remote)
Shane Whitehair, Executive Director, Region 7 Planning and Development Council (remote)
Dione Andrews, Region 7 Planning and Development Council (remote)
Terry Lively, Executive Director, Region 8 Planning and Development Council (remote)
Rachel Snavely, Executive Director, Eastern Panhandle Regional Planning and Development Council (Region 9) (remote)
Scott Hicks, Executive Director, Bel-O-Mar Regional Council (Region 10) (remote)
Natalie Hamilton, Community Development/Grants Administrator, Bel-O-Mar Regional Council (Region 10) (remote)
AC Wiethe, Director of Management Services, Bel-O-Mar Regional Council (Region 10) (remote)
Mike Paprocki, Executive Director, Brooke-Hancock Regional Planning and Development Council (Region 11) (remote)
Rhonda Howell, Finance Manager, Brooke-Hancock Regional Planning and Development Council (BH RPDC) (remote)
Meesh Zucker, Supervisory Community Planner, Federal Emergency Management Agency (FEMA) Region III (remote)



MEETING NOTES

Stacey Blankin, FEMA Region III
Brian Farkas, FEMA Region III
Tom Hansen, Grants Management Specialist, FEMA Region III (remote)
Matthew McCullough, FEMA Region III (remote)
Elizabeth Ranson, Hazard Mitigation Grants Specialist, FEMA Region III (remote)
James Young, Disaster Field Coordinator, FEMA Region III (remote)
Joann Harmon, US Army Corps of Engineers (remote)
Tony Subbio, Project Manager, Tetra Tech
JaLeesa Tate, Deputy Project Manager, Tetra Tech (remote)

Discussion Points

This section summarizes each discussion point addressed during the SPT Draft Review Meeting.

Welcome

Mr. Reed welcomed attendees to the meeting. Attendees who were present in person introduced themselves. Mr. Subbio provided an orientation to the meeting materials.

Summary of the Planning Process

Mr. Subbio reviewed the planning process that the State followed to develop the HMP.

- The Steering Committee Kickoff Meeting was held in July 2022.
- The State and FEMA Region III reviewed the 2018 HMP in August 2022.
- The State Planning Team (SPT) Kickoff Meeting was held in September 2022.
- The SPT Capabilities Assessment Meeting was held in November 2022.
- The Stakeholder Capability Assessment Webinars were held in November 2022.
- The SPT Risk Assessment Review Meeting was held in early January 2023.
- The SPT Goals and Objectives Meeting was held in mid-January 2023.
- The SPT Mitigation Strategy Meeting was held in February 2023.
- The hazard profiles and mitigation strategy were completed in May 2023.

Mr. Subbio described the stakeholders who were involved in the plan update. The following stakeholders participated:

- 21 State departments/agencies
- 9 planning and development commissions
- 33 county emergency management agencies
- Floodplain administrators from 62 jurisdictions
- 5 federal agencies
- 6 other stakeholder organizations

Mr. Reed stated that involvement of stakeholders in this planning process has benefitted other State efforts, as many of the individuals involved in the HMP update have been involved in other programs.



MEETING NOTES

Draft Review

Mr. Subbio described the content of each section of the updated HMP. The following discussions were held:

- There were no comments on Section 1: Introduction.
- During the discussion of Section 2: State Profile, attendees were surprised that the image of socially vulnerable populations (based on the Centers for Disease Control and Prevention [CDC] Social Vulnerability Index [SVI] data) does not include some major cities or counties. Ms. Tate reported that the SVI data is organized by census tract, which reduces some granularity in the image, and that the map shows only the highest vulnerability. She related the image to a flood insurance rate map (FIRM). Just because an area is not mapped in the special flood hazard area does not mean that there is no risk of flooding. Likewise, an area not being mapped as highly socially vulnerable does not mean it does not have vulnerability.
- There were no comments on Section 3: Planning Process, Section 4: Risk Assessment, Section 5: Hazard Overview or the hazard profiles, Section 6: State Mitigation Capabilities, Section 7: Local Capability Assessment, Section 8: Local Government Planning, Section 9: Progress on Previous Plan, or Section 10: Goals for Hazard Mitigation.
- In the discussion of Section 11: Mitigation Actions, attendees reported the following information:
 - US Department of Agriculture (USDA) representatives attended the West Virginia Association of Floodplain Managers Conference and discussed funding available to acquire flood-prone homes. The USDA Natural Resources Conservation Service (NRCS) also manages a buyout program.
- There were no comments on Section 12: Adoption or Section 13: Review, Evaluation, and Implementation.

Next Steps and Questions

- Mr. Reed requested comments be provided by stakeholders in Microsoft Word documents to Ms. Rosier and that comments provide as much context as possible.
- Tetra Tech will update the project website to instruct readers to submit comments in Microsoft Word documents.
- The review period will last from May 30 to June 12, 2023.
- Following the review period, the State will conduct its executive review of the HMP and will then submit the HMP to FEMA for formal review.
- Following FEMA's review and any required updates to meet FEMA requirements, the State will adopt the HMP.

With no further questions, Mr. Reed and Mr. Subbio thanked attendees for their time and participation.

The meeting adjourned at 10:45 a.m.

**State of West Virginia
2023 Hazard Mitigation Plan
Update**

State Planning Team
Draft Review Meeting
May 25, 2023

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Welcome!

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Agenda

- Summary of the Planning Process
- Draft Review
 - Part I: Background Information
 - Part II: Planning Process
 - Part III: Hazard Identification and Risk Assessment
 - Part IV: Capabilities and Coordination
 - Part V: Mitigation Strategy
 - Part VI: Putting the Plan into Action
- Next Steps and Questions

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Summary of the Planning Process

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Summary of the Planning Process

- Organization
 - Steering Committee Kickoff – July 2022
 - FEMA Region III Plan Review – August 2022
 - State Planning Team Kickoff – September 2022
- Capabilities
 - SPT Capabilities Assessment Meeting – November 2022
 - Stakeholder Capability Assessment Webinars – November 2022

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Summary of the Planning Process

- Risk Assessment
 - SPT Risk Assessment Review Meeting – January 2023
 - Complete hazard profiles – through May 2023
- Mitigation Strategy
 - SPT Goals and Objectives Meeting – January 2023
 - SPT Mitigation Strategy Meeting – February 2023
 - Develop mitigation strategy – through May 2023

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Summary of the Planning Process

- Stakeholders Involved
 - 21 State departments/agencies
 - 9 Planning and development commissions
 - 33 County emergency management agencies
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 - 5 federal agencies
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COMPIRE WORLD CLEAR SOLUTIONS

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Draft Review



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Part I – Background Information

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Draft Review

- Section 1: Introduction
 - Overview
 - Authorities
 - Assurances
 - Organization of the plan
 - Overview of changes since 2018

2018	2023
Section 1 – Introduction	Section 1 – Introduction
Section 2 – Planning Process	Section 3 – Planning Profile
Section 3 – State Profile	Section 2 – State Profile
Section 4 – Hazard Identification and Risk Analysis	Section 4 – Risk Assessment and Section 5 – Hazard Profiles
Section 5 – Supporting Local Plans	Section 8 – Local Government Planning Coordination
Section 6 – Mitigation Strategies	Section 9 – Progress on Previous Plan, Section 10 – Goals for Hazard Mitigation, and Section 11 – Mitigation Actions
Section 7 – Plan Monitoring, Maintenance & Revision	Section 12 – Review, Evaluation, and Implementation
Appendix A – Capability Assessment	Section 6 – Local Capabilities and Section 7 – State Capabilities
Appendix I – Adoption Letter	Section 12 – Adoption



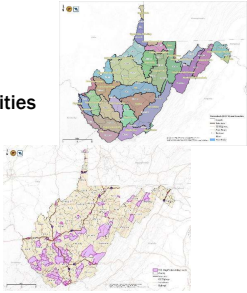

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Draft Review

- Section 2: State of West Virginia Profile
 - Physical setting
 - Demographics
 - Economy
 - State assets and critical facilities
 - Land use and development
 - Natural resources

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Part II – Planning Process




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Draft Review

Section 3: Planning Process

- Description of the process
- Stakeholder coordination
- Schedule
- Integration with other State programs

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Part III – Hazard Identification and Risk Assessment

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Draft Review

Section 4: Risk Assessment

- Identification of hazards
- Population
- Assets
- Hazard-specific data and methodologies
- Limitations

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Draft Review

Section 5: Hazard Overview

- Introduces the hazard profiles
- Hazard Profiles
 - Dam Failure
 - Drought
 - Earthquake
 - Extreme Temperature
 - Flood
 - Hazardous Materials
 - Landslide
 - Levee Failure
 - Pandemic
 - Radiological Incident
 - Radon Exposure
 - Severe Storms
 - Subsidence
 - Utility Failure
 - Wildfire
 - Winter Weather

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Part IV – Capabilities and Coordination

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Draft Review

Section 6: State Mitigation Capabilities

- Hazard mitigation programs
- Core capabilities for the Mitigation mission area
- Legal, Regulatory, Planning, and Programmatic Capabilities
- Hazard-related programs
- Funding
- Changes since 2018

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AGENDA

STATE OF WEST VIRGINIA 2023 HAZARD MITIGATION PLAN UPDATE State Planning Team Draft Review Meeting

May 25, 2023 | 9:00 – 11:00 a.m.

1. Welcome	9:00 – 9:15
2. Summary of the Planning Process	9:15 – 9:35
3. Draft Review	9:35 – 10:40
a. Part I: Background Information	
b. Part II: Planning Process	
c. Part III: Hazard Identification and Risk Assessment	
d. Part IV: Capabilities and Coordination	
e. Part V: Mitigation Strategy	
f. Part VI: Putting the Plan into Action	
4. Next Steps and Questions	10:40 – 11:00





STATE OF WEST VIRGINIA 2023 HAZARD MITIGATION PLAN UPDATE
 State Planning Team Draft Review Meeting

SIGN-IN

May 25, 2023 | 9:00 – 11:00 a.m.

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