

State Resiliency Office (wv.gov)



Welcome
and
Thanks for Attending!

2025 Flood Resiliency Plan Symposium

Today's Agenda

8:30 AM - 9:00 AM	Registration
9:00 AM - 9:20 AM	Opening Remarks – SRO & EMD Updates
9:20 AM - 10:00 AM	Flood Resiliency Plan (FRP) Review and Discussion & Feedback
10:00 AM - 10:15 AM	Break
10:15 AM - 11:00 PM	Flood Resiliency Plan Discussion & Feedback
11:00 PM - 12:00 PM	WVU GIS Tech Center, Flood Resiliency Framework
12:00 PM - 1:15 PM	Lunch on your own
1:15 PM - 2:30 PM	Flood Resiliency Plan Discussion & Feedback
2:30 PM - 3:20 PM	EMD
3:20 PM – 3:30 PM	Wrap-up and Close

Today's Objectives

1. Collection of input from attendees to contribute to the update of the Flood Resiliency Plan.
2. Provide a platform for cross-sector collaboration in an effort to dismantle organizational silos.
3. Introduction to the WV Flood Resiliency Framework, GIS Tech Center's newest tool for accessing resiliency data to assist in decision-making in WV.
4. Capture action items for follow-up and incorporation into future planning efforts.

1. Is the information contained within the document current and do the links and navigation tools within the document function properly?
2. Do the three methods of prioritizing how entities can select their actions provide sufficient guidance to simplify the process or do additional prioritization measures need to be identified?
3. Are the nine sectors identified to categorize entities that have a role in resiliency sufficient or do they need further refinement to make navigating the plan more simplistic?
4. Are there entities not identified within the plan that contribute, or can contribute, to flood resiliency in West Virginia?
5. What Potential Actions exist for the entities identified in the plan as “reserved”?

WV Flood Resiliency Plan

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4. Are there entities not identified within the plan that contribute, or can contribute, to flood resiliency in West Virginia?

5. What Potential Actions exist for the entities identified in the plan as “reserved”?

Questions, Comments,
or Discussion?

Contact

Director

Robert T. Martin: robert.t.martin@wv.gov

Deputy Director

Edwin R. Martin: edwin.r.martin@wv.gov

Administrative Assistant

Lindsey Hanks: lindsey.c.hanks@wv.gov

Flood Resiliency Plan Symposium Notes

April 29, 2025

Introduction

- Matthew Blackwood
 - o EMD in TC Energy for 14 more months due to new owners of building.
 - o Job Openings
 - o It is important to participate in today's event.
- Bob Martin
 - o Think of why you are here, not just today but why you do the job you do.
 - o Serve your community
- Ed Martin
 - o Five questions for this review process.
 - o Collect input from attendees to contribute to the review of the plan.

Flood Resiliency Plan Overview

- The original plan was over 300 pages long and hard to navigate.
- Can navigate the document in several ways online.
- Authorization and Document Guide Overview
- Executive Summary
 - o The original review symposium was with Pew.
 - o Multiple objectives for each goal.
 - o As relative today as it was in 2004.
- General potential actions
- Monitoring Trends to guide Future Resilience
- Prioritization of Actions
 - o Hazard Mitigation Plan
 - o Comprehensive plans
 - o List of plans and programs
- Employing a multi-benefit approach
- Potential Actions by Sector and Organization
 - o Read what you need section
 - o Please think of the nine sectors
 - Do they need to be broken down more?
- Reserved Sections
 - o Come up with potential actions for reserved entities.
- Positive feedback regarding "Do you think this plan is good and a good place to start and build?"
- It is important to have a document that everyone can advocate for.

Flood Resiliency Plan Review Question Discussion

WVUGIS Technical Center Presentation

- Four primary tools make up the Flood Resiliency Framework
- Stakeholders
- WV Flood Risk Index
 - o Overall Flood Risk is based on different risk indicators.
- Analytical and Visualization Tools at multiple scales
 - o Political scales
- WV Risk Explorer
 - o Online suite of tools for flood risk, mitigation, etc.
 - Risk communication tools
 - o Mitigation Assessment tools
- Statewide Flood Risk
- Discussed the recent February 2025 flood event
 - o McDowell and Mingo County examples
 - o Discussed results of risk assessments.
- Regional flood risk assessments for regions 1 and 2.
- WV Flood Dashboard
 - o Risk Assessment
 - o Mitigation
 - o Fatality rates
- McDowell County is ranked three out of 55 counties for risk.
- Can compare county risk indicators
- wvfrf.org
- Reports can be printed or saved as a pdf
- McDowell- lowest median property value in the floodplain (\$14,000)
 - o The national percentage of mobile homes occupied residential units 5.9%
 - o Percentage of WV 14%
- Building level flood risk tools
 - o Significant structure risk
- www.wvfrf.org/wvre
- WVUGIS would like to do more training, also looking for funding to maintain and update.
- WV Flood Tool
 - o Section 202- Corps authority to design and implement flood control measures (structural and non-structural)
 - o Non-structural
 - Buyouts and elevations
 - o Mingo

- Used visual and example of trailer that was destroyed (non-compliant)
- Number of churches- Borderline Baptist (4-5 foot of water in the sanctuary)
- 29 Hatfield Bottom- new cabin built in compliance and 2025 flood got into the structure.
- Most places are built based on 100-year flood levels.
- Open space parcels- a park can be put into these areas but cannot build a home.
 - County audit should be done to determine if deed is restricted.
- Stokes Street
 - 1977 flood protect level
- o Statewide Mitigated Structures inventoried
- o GIS will be discussing more tools for floodplain managers at the upcoming Floodplain Managers Conference.
- o Communities are responsible for damage assessments.
- o Buyouts are done through hazard mitigation
 - Resident must indicate that they want to be bought out (or business owner)
- o Multiple programs are out there.

Flood Resiliency Plan Review Question Discussion (continued)

Emergency Management Division Presentation

- Individual Assistance- Ehrin Starcher
- Changes – must input the date of the event.
- Barriers- connectivity issues, high population of elderly.
- Long term recovery groups
 - o Community based
 - o Local Houses of Worship
 - o Large denominational groups
 - o Community services, etc.
 - o No one plan can cover all the disaster-related recovery needs of the hardest impacted individuals and homes.
 - o Case management plans normally depend on having LTRGs.
 - Volunteer case management training?
 - Disaster case managers (state)
 - o Executive Board
 - Construction management
 - Spiritual and emotional care
 - Case management
 - o Votes on expenditure “pooled” funds

- o Must have a fiduciary
- Public Assistance- Josh Kirwan
- Debris Operations
- FEMA may or may not pay for your debris removal.
- Reimbursement program based on eligible expenses.
- Goals
 - o Get communities back to five minutes before disaster occurred.
 - o Provide accurate information
 - o Know the player who can provide assistance.
 - o Understand permitting requirements
 - o Collect necessary documentation
- Overview of debris eligibility
- Topics of concern
 - o Procurement
 - o Permitting
 - o Documentation
 - o Separation
 - o Staging
 - o Monitoring
 - o Quarantine Zone
 - o Businesses