

West Virginia Flood Resilience Framework (WVFRF)

Flood Risk Factors

Hazard (Flood Characteristics)

Frequency
Depth
Duration
Velocity
Rise/Fall

Exposure

Human

Physical

Vulnerability

Institutional

Social

Physical

Flood Resilience Factors

Pre-Disaster Community Planning & Cross-Organizational Coordination

Community-Engaged Flood Risk Visualizations & Communication

Household Flood Insurance

Community Rating System (CRS) Participation

Structure-Level Mitigation

Floodplain Management

Post-Disaster Recovery Assessments

Tools for Building Community Flood Resilience

Pre-Disaster Community Planning & Cross-Organizational Coordination

- Flood Resilience Symposium
- Best Practices Guide for Pre-disaster Coordination of Flood Resilience in WV

Community-Engaged Flood Risk Visualizations & Communication

- Risk Indicator Dashboards
- Interactive Risk Web Maps
- Base Flood Models
- Moderate-Risk (500-Year) Models
- Future Projection Models
- 3D Flood Inundation Videos
- Story Maps

Trainings

- Floodplain Manager Training Workshops
- National Flood Insurance Program and CRS Training Workshops

Post-Disaster Recovery Assessments

- Statewide survey results
- Focus Group and Interview results

Publications & Reports

- Scholarly Articles
- Policy Briefs
- Project Reports
- Conference Presentation