

# 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