West Virginia Flood Resilience Framework

Risk/Loss Indicators

Hazard
(Flood Characteristics)

▷
- Frequency
- Depth
- Duration
- Velocity
- Rise/Fall

Exposure

▷ Human

▷ Physical

Vulnerability

▷ Institutional

▷ Social

▷ Physical

Loss Model Estimates

Mitigation Measures

Mitigated Structures

Open Space Preservation (OSP)

Loss Avoidance

Building Value Recovery Studies

Areas of Mitigation Interest (AoMI)

NFIP/CRS Participation

Disaster Planning

Risk Communications

Community Engagement

Resilience Web-based Tools

Community Risk Indicators & Rankings   **Mitigation Measures**

Data Types:
Tables, Charts, Maps, Visualizations, Multimedia, External web links to other tools/resources

Product Outputs

Flood Visualizations
- Viewshed Flood Visualizations
- Structure-Level Visualizations
- Mitigated and Unmitigated Structures

Mitigation Assessment Tools
- Mitigation Maps (2D & 2.5D)
- Areas of Mitigation Interest

Narrated Graphics and Videos

Reports and Studies
- Risk Assessments (detailed or summarized)
- Research Papers
- Building Adaptability Studies
- Loss Avoidance Studies
- Best Practice Guides
- Post-Disaster Lessons Learned
- Disaster Planning Resources