WV Building-Level Flood Risk Assessment

Building-Level Flood Risk Assessments support:

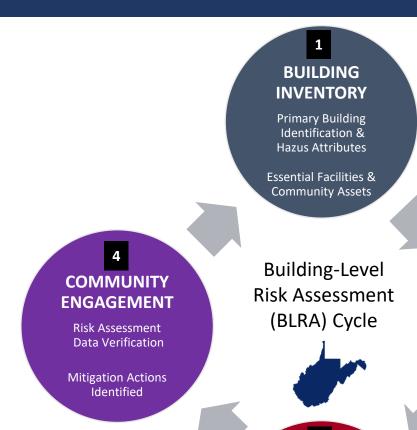
- **Hazard Mitigation Plans**
- Floodplain Management
- **Community Assisted Visits**
- **Community Rating System**

Benefits

- More detailed and accurate assessments
- Automated scripts generate outputs quickly
- Cost savings through efficiencies
- Helps multiple stakeholders
- Comprehensive Building Risk **Spatial Database**

Methodology

- Consistent methodology statewide
- Semi-automated workflows
- Continuous cycle to improve and update assessments



Tabular Output

Addre	ess Parcel Risk
Year Built	1940 (Pre-FIRM)
Foundation Type	Slab-on-Grade
First Floor Height	1.0 ft above ground
Water Depth-in-Structure	5.4 ft (minus rated -5 ft)
▶ Flood Damage Estimate	es for Building: 28-07-0001-0159-0000_210
Building Damage Pct	17% (Moderate Damage)
Building Loss USD	\$189
Content Damage Pct	59%
Content Loss LISD	\$653

BLDG. LEVEL RISK ASSESSMENT (BLRA) DATABASE

Published to WV Flood Tool

Building Level & Community Level **Outputs**

2 FLOOD LOSS **MODELS**

Open Hazus FAST

Flood Depths

Building Damage Estimates



