

Landslide Incident Inventory

#	Agency	Year	Author or Source Agency	Title/Description	General Location	Purpose	Total Incidence Data
1	WVGES	1973	Landers and Smosna	Final Report on Landslides of July 9, 1973 in Kanawha City Area of Charleston, West Virginia	Charleston, West Virginia	Landslide mapping	10
2	WVGES	1976-80	Lessing et al.	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide mapping	46,330
3	USGS	1978-85	USGS (various)	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide mapping	41,307
4	USGS	1993	Jacobson et al	U.S. Geological Survey Bulletin 1981: Geomorphic studies of the storm and flood of November 3-5, 1985, in the upper Potomac and Cheat River basins in West Virginia and Virginia	Cheat and Potomac River basins; Wills Mountain Anticline; Eastern WV	Research study (1985)	3,571
5	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Instruction & landslide inventory	46
6	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, West Virginia	Landslide inventory	41
7	WVU	2008	Konsoer et al	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Surficial Geology Mapping	149
8	NPS/WVGES	2014	Yates and Kite	Unpublished Digital Surficial Geologic Map of Bluestone National Scenic River and Vicinity, West Virginia (NPS, GRD, GRI, BLUE, BLUS digital map) adapted from a West Virginia University and West Virginia Geological and Economic Survey Open File Map by Yates and Kite (2014)	Bluestone National Scenic River and Vicinity	Surficial Geology Mapping	12
9	NPS/WVGES	2015	Yates and Kite	Digital Surficial Geologic Map of New River Gorge National River, West Virginia (NPS, GRD, GRI, NERI, NERS digital map) adapted from a West Virginia University and West Virginia Geological and Economic Survey Open File Report map by Yates and Kite (and Gooding) (2015)	New River Gorge National River	Surficial Geology Mapping	212
10	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	1,406
11	WVDHSEM	2025	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	19
12	WVU	2023	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment (QL2 LiDAR)	116,420
13	WVU	2026	WVGISTC	Polygons and lines mapped using previously mapped LiDAR landslide incidence points. Project funded by USGS.	Statewide	Landslide Mapping (QL2 LiDAR)	92,188

301,711 landslide features