

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – STATEWIDE

#	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 risk assessment	10
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	46,330
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	41,307
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	46
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	41
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	149
9	NPS/WVGES	2014	Yates and Kite	Unpublished Digital Surficial Geologic Map of Bluestone National Scenic River and Vicinity, West Virginia (NPS, GRD, GRI, BLUE, BLUS digital map) adapted from a West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	Landslide inventory	12
10	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	Landslide inventory	212
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	1,406
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	12
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	66,151
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							159,247

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 1

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	8,825
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	2,435
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	12
10	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	Landslide inventory	72
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	114
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	2
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	7,935
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							19,393

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 2

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	8,743
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	3,265
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	163
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	9
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	23,404
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							35,584

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 3

#	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 risk assessment	10
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	14,256
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	4,295
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	143
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	14,669
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							33,373

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 4

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	0
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	1,858
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	140
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	125
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	9,172
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							11,295

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 5

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	5,751
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	12,002
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	132
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	1,752
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							19,637

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 6

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	5,461
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	8,361
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	45
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	41
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	28
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	198
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	1
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	3,810
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							17,945

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 7

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	0
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	3,489
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	1
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	122
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	67
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	1,899
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							5,578

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 8

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	0
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	1,199
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	2,996
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	39
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	1,478
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							5,711

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 9

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	0
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	0
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	0
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	62
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							62

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 10

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	1,841
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	3,604
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	357
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	1,709
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							7,508

WEST VIRGINIA LANDSLIDE RISK ASSESSMENT – REGION 11

#	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 risk assessment	0
2	WVGES	1976	Lessing et al	WV Landslides and Slide-Prone Areas; funded by Appalachian Regional Commission	Statewide (39 topo quads)	Landslide risk assessment	1,503
3	USGS	1975-85	Ohlmacher et al	Landslide Quad Maps: Open File Maps	Statewide (382 topo quads)	Landslide risk assessment	710
4	WVGES	1987	Kite	SEFOP Field Guide, Open File Report 8801	Canaan Valley State Park	Research study (1985)	
5	USGS	1993	Jacobson	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)	0
6	WVU	1983-97	WVU	Landslide incidences with Images	Statewide	Landslide risk assessment	0
7	WVU	1996	Kite and Grubb	Update of 1976 Landslide Maps, Morgantown North and South Quadrangles	Morgantown, WV	Landslide inventory	0
8	WVU	2008	Konsoer	LiDAR, GIS, and multivariate statistical analysis to assess landslide risk, Horseshoe Run watershed, West Virginia	Horseshoe Run Watershed, Tucker County	Landslide risk assessment	0
9	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	Landslide inventory	0
10	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	Landslide inventory	0
11	WVDOT	2016	Geospatial Transportation Information (GTI) Section	Road landslide inventory	Statewide	Landslide inventory	53
12	WVDHSEM	2017	State Hazard Mitigation Office	FEMA Buyout Properties for Landslides	Southern West Virginia	Landslide mitigation	0
13	WVU	2022	WVGISTC	Statewide Landslide Risk Assessment; Funded by FEMA and WV Division of Homeland Security and Emergency Management	Statewide	Landslide risk assessment	261
TOTAL LANDSLIDE INCIDENCE (POINTS AND POLYGONS)							2,529