

<b>Kanawha Putnam Emergency Management Plan Hazard Identification Annex</b>	
<b>Landslide</b> Revised September 2022; Revised Biennially	<b>B11</b>
<b>Risk</b>  High	<b>Vulnerability</b>  High

## I. Introduction

Kanawha and Putnam Counties are prone to landslides or coal mine related subsidence. Except for coal mine related subsidence there is not much local government can do to assist with damages relating to landslides.

This annex describes the risk of landslide and includes references to functional annexes of the All-Hazard Plan that should, or could, apply to such an incident.

## II. Situation and Assumptions

- A. Landslides normally occur due to ground saturation with water and poor excavation practices, i.e., cutting into banks to build or place structures on.
- B. Landslides also occur during or after flooding. Storms resulting from hurricanes frequently create landslides in the eastern United States.
- C. Landslides may occur without prior warning or noticeable warning. Hazards associated with landslides are:
  - 1. Travel interruptions caused by blocked roadways.
  - 2. Isolation of neighborhoods due to blocked roadways.
  - 3. Demolished structures.
  - 4. Blocked creeks and streams.
- D. Local governments can respond to life threatening emergencies, state road closures or landslide made by dams posing threat to downstream residents.

West Virginia Soil Conservation can assist with dams and Public Works/Department of Highways with roads

### **III. Functional Annex Components**

- A. Primary Functional Annexes – include, but are not limited to,
  - 1. A01 – Public Warning (Amber Alert only)
  - 2. A02 – Emergency Public Information
  - 3. A03 – Communications
  - 4. A06 – Traffic Diversion
  - 5. A09 – Fire/Rescue
  
- B. Support Functional Annexes – include, but are not limited to,
  - 1. A04 – Evacuation
  - 2. A05 – Mass Evacuee Transportation
  - 3. A07 – Mass Care
  - 4. A08 – Health and Medical
  - 5. A12 – Special Needs Population
  - 6. A15 – Resource Management
  - 7. A21 – Search and Rescue
  - 8. A23 – Volunteer Response
  - 9. A24 – Recovery
  - 10. A25 -- Mitigation