



CITY OF CANNON BEACH

Emergency Operational Guideline for Landslide:

Objective: Identify actions within the community in the event of a landslide event.

This document is designed to identify the operational guidelines for actions from the community and of the city representatives.

Definition-

A landslide is defined as the movement of a mass of rock, debris, or earth down a slope. The term "landslide" encompasses five modes of slope movement: falls, topples, slides, spreads, and flows.

Almost every landslide has multiple causes. Slope movement occurs when forces acting down-slope (mainly due to gravity) exceed the strength of the earth materials that compose the slope. Landslides can be initiated in slopes already on the verge of movement by rainfall, changes in water level, stream erosion, changes in ground water, earthquakes, volcanic activity, post fire destruction, disturbance by human activities, or any combination of these factors.

Alerting Agency:

USGS - NOAA - National Weather Service - Using the IPAWS – EAS and WEA's

Shelters:

Shelters are separated into Red Cross shelters, alternate shelters, and specialty shelters

Current Red Cross Shelters:

- Community Church – 132 E Washington St
- Cannon Beach Academy – 3781 S Hemlock St
- Tolovana Hall – 3779 S Hemlock St

Alternate shelters:

- City Hall – 163 E Gower St
- Chamber of Commerce- 207 N Spruce St
- Breakers Point, indoor tennis court – 253 Breaker Point Dr

Specialty Shelter:

- Coaster Construction – 390 Elk Creek Rd. (Specialty shelter) – (Medical, Food delivery, handicap population, Animal, Water)

Actions for the City of Cannon Beach:

- Activate the EOC CH
 - (City Staff, CBPD, CBRFPD)
- Declare a city-wide Emergency if landslide is large or a significant amount of damage
 - City Manager or designee to make proper notifications (Clatsop County EOC)
- Identify what type of landslide cases (rainfall, changes in water level, stream erosion, changes in ground water, earthquakes, volcanic activity, post fire destruction area, disturbance by human activities)
 - Public Works – Planned Land Development - Clatsop County
- Identify the location of the landslide (projected landslide) and potential area of growth of the slide area
 - Public Works – Planned Land Development - Clatsop County
 - Activate debris removal contractor company
- Evacuate the area of concern and locate any victims
 - CBPD -CBFPD - CERT
 - Deploy MRC and DART for possible medical assistance for victims and domestic animals
- Contact Clatsop County EOC, establish communications
 - Update communications with primary and secondary methods, local and statewide resources
 - Primary – Cellular, Satellite, Internet capability, public safety radio frequencies
 - Secondary – Auxiliary communications radio frequencies, (HAM, GMRS, MRC, intranet)
- Open appropriate shelters if community members cannot shelter in place
 - Displacement, Food delivery, Information center
 - Red Cross shelters priority (City staff, CBPD, Red Cross, CERT)
 - Specialty Equipment- Generators, Air Conditioners, Heaters, Food delivery unit etc.
 - Depending on situation activate the MRC, DART component of the volunteer teams
 - Open alternate shelters if a widespread event
 - Increased needed space or identify area for a specific need
 - Open Specialty shelter – Coaster Construction, larger needs of the community for prolonged periods of time.
- Triage city resources for logistical needs
 - Infrastructure review – Public Works, CERT
 - Ongoing process
 - Open city survival cache site for supplies
- Update County and State on Resource Ordering Status System (ROSS)
- Establish operational period
- Define which category of weather event – Define each operational period
 - (Warning, Watch, Advisory)
- Institute sustained command operations