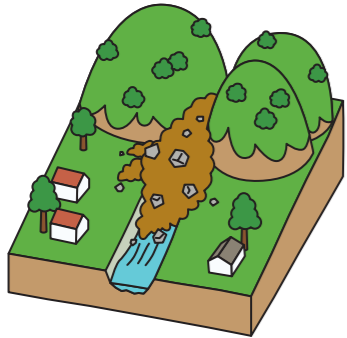


Landslide disaster

Types and premonitory phenomena of landslide

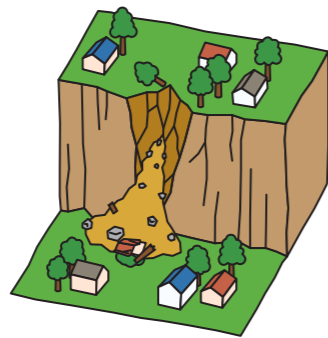
If any of the following phenomena is observed, it is a sign of landslide.

Mudslide



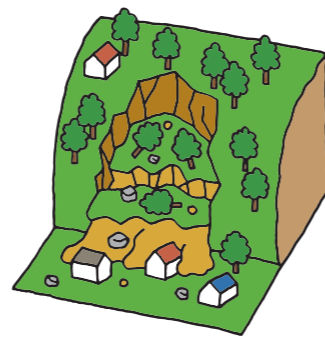
Soil and stones from mountains and valleys flow down the slope due to prolonged rain or torrential rain, etc.

Landslide (collapse of steep slope)



The part near the surface of the slope loosens and collapses due to penetration of rainwater or earthquake.

Landfall



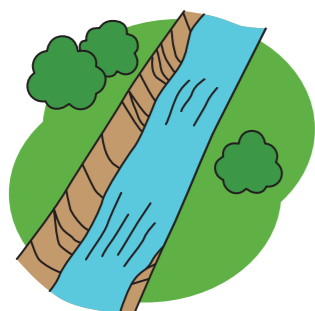
The slope moves downward due to the influence of groundwater and gravity.

Premonitory phenomena

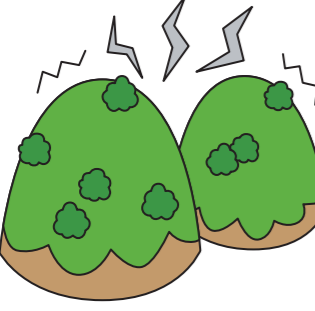
- The water in the river suddenly becomes muddy or driftwood is seen coming down.



- The water level in the river goes down even when there is continuous rain.

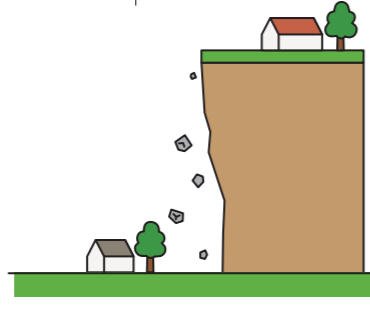


- Rumble of mountain or a splitting sound of trees can be heard.

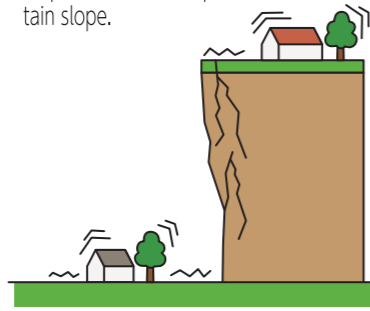


Premonitory phenomena

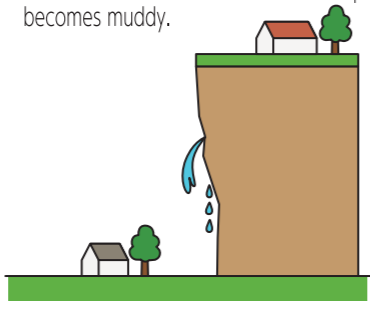
- Small stones continue to fall from the mountain slope.



- Cracks or extrusion are seen along the slope, or sound erupts from the mountain slope.

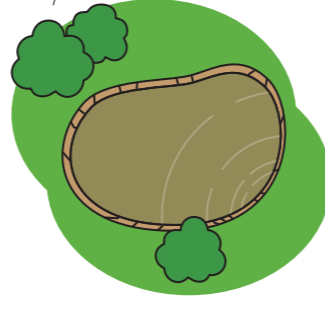


- Water shoots from the mountain slope or water from the mountain slope becomes muddy.

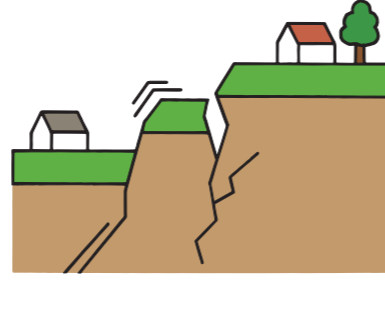


Premonitory phenomena

- The water in streams or wells becomes muddy.



- The ground cracks or collapses.



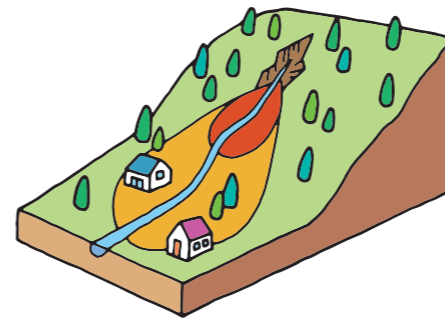
- Water shoots from the slope or trees are inclined.



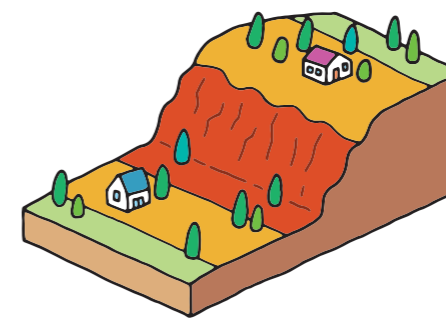
Landslide (special) alert zone

Based on the Sediment Disaster Prevention Act, the zones that are likely to be damaged by landslide are designated as "Landslide special alert zone" and "Landslide alert zone."

Mudslide



Landslide (collapse of steep slope)



Landfall

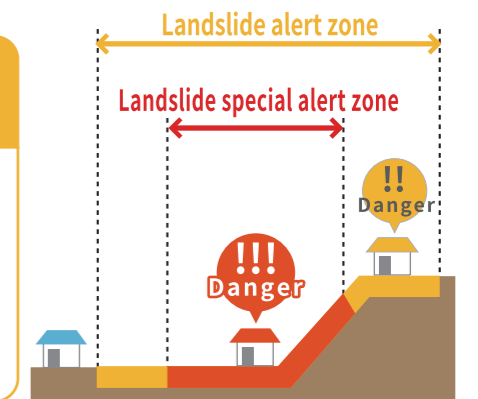


Landslide special alert zone (Red zone)

Zones where there is a risk of serious harm to the life or body of residents, etc. due to damage to buildings in the event of collapse of steep sloping land or mudslide, etc. Specific development activity is restricted, and structural regulations are applied to buildings.

Landslide alert zone (Yellow zone)

Zones where there is a risk of serious harm to the life or body of residents, etc. in the event of collapse of steep slope or mudslide, etc. Hazards are announced and an alert evacuation system is established.



Evacuation points

- If you are close to a mountain slope, move to a place at a distance twice the height of the mountain slope. In the event of a mudslide, run away from the flow to a higher place in the right angle direction.
- When "Landslide alert information" is announced, pay attention to weather information and disaster prevention information because of the increasing risk level. Even before the announcement of "evacuation of the elderly, etc.," if you sense any danger, evacuate voluntarily. It is safe to evacuate before it becomes dark when heavy rain is expected at night.
- More than half of the victims of landslide are people who require support such as the elderly. It takes time to move to an evacuation site, so try to evacuate early.



CAUTION!

People on the first floor of wooden houses are often victims of landslide. If it is difficult to evacuate to an evacuation site due to heavy rain, evacuate to the second floor or higher floors of nearby buildings as a second option. If it is dangerous to go out, evacuate to a safer place in the house (e.g., a room away from the mountain slope or upstairs).

Be careful of premonitory phenomena. If you sense danger, evacuate immediately!