



Hazard Factsheet: Landslides



Auckland
Emergency
Management

High intensity or prolonged rain fall, earthquakes, flooding or other hazards can lead to landslides.

Investigate the risk of a landslide by doing the following:

- Regularly inspect your property if you are located on or near a slope for any indication of movement, especially after heavy rain fall or an earthquake. Signs of instability include doors and windows that start to stick, gaps appearing, decks moving or tilting away from the house, new cracks or bulges on the ground, leaning trees or fences, slope movement.
- Look at the hillsides around your where/home for any signs of land movement (like rockfall, small landslides or debris flows and unusual cracking) and any trees that start to tilt over time.
- Watch the patterns of storm water drainage on slopes near your where/home especially the places where runoff water converges. Noticing small changes can alert you to an increased threat of a landslide. Most small landslides are caused by water runoff so changes in water runoff patterns can indicate ground movement.
- If you are near a stream or waterway, be alert to any sudden increase or decrease in water flow, and to a change from clear to muddy water. Such changes may indicate landslide activity upstream.

If you notice any of these changes, seek professional advice as soon as possible.

If you suspect that a landslide is occurring, or is about to occur in your area:

- Evacuate immediately if it is safe to do so. Seek higher ground outside the path of the landslide.
- If you cannot leave safely, move out of the path of the debris. The side of your house furthest from the landslide is likely to be the safest location within the property.
- Alert your neighbours. They may not be aware of the potential hazard so advising them of a threat may save their lives.
- Help neighbours who need assistance to evacuate if you can do so without putting yourself in danger.
- Contact Auckland Council. Council engineers or other geotechnical engineers are the people best able to assess the potential danger.

If a landslide occurs:

- Stay away from the landslide area as further ones may occur.
- Put your emergency plans into action.
- If safe to do so, check for injured and trapped persons and animals near the landslide, without entering the landslide area. Direct rescuers to their locations.

