

# Protect yourself from landslides

## Let's review the types of landslides

There are broadly 2 types of landslides predicted to occur in Suita City. Check which type of landslide may occur in the landslide risk areas around you.

### Rockfalls (steep terrain collapses)

Rockfalls are a phenomenon in which water that seeps into the ground causes steep slopes to suddenly collapse and fall. Because rockfalls occur suddenly, many people fail to escape, resulting in a relatively larger number of deaths.



### Landslides

Rainwater from heavy or prolonged rains seeps into the ground, and a wide area of ground lifted up by the strength of the water slowly starts to move.



### These signs mean

**danger**

## Landslide precursors

Listed on the right are the general precursors to a landslide. Be aware that this does not mean that one, some, or all of these will occur for all locations. If you feel that something is out of the ordinary or even the slightest sense of danger, evacuate immediately.

The five senses	Moving objects	Rockfalls	Landslides
Sight	Mountains / inclines / cliffs	<ul style="list-style-type: none"> <li>• There are cracks in the cliff.</li> <li>• Small rocks start falling from the cliff.</li> <li>• The cliff face starts to bulge.</li> </ul>	<ul style="list-style-type: none"> <li>• Cracks appear in the ground.</li> <li>• There are depressions or bulging in parts of the ground.</li> </ul>
	Water	<ul style="list-style-type: none"> <li>• Surface runoff occurs.</li> <li>• Water shoots out from the cliff.</li> <li>• Spring water becomes cloudy.</li> </ul>	<ul style="list-style-type: none"> <li>• Stream or well water becomes cloudy.</li> <li>• Water shoots out from the cliff face.</li> <li>• Water levels for lakes suddenly fall.</li> </ul>
	Trees	Trees start leaning.	Trees start leaning.
	Other	—	<ul style="list-style-type: none"> <li>• Cracks appear on houses or retaining walls.</li> <li>• Retaining walls or utility poles start leaning.</li> </ul>
Hearing		<ul style="list-style-type: none"> <li>• You can hear the sound of tree roots snapping.</li> <li>• You can hear trees shaking.</li> <li>• You can hear rumbling sounds.</li> </ul>	<ul style="list-style-type: none"> <li>• You can hear the sound of tree roots snapping.</li> </ul>

## Gather evacuation information and act quickly!

Evacuation information will be communicated to residents via municipal disaster management radio broadcasts, public announcement trucks and other means. If you are unable to receive municipal disaster management radio broadcasts (or if you have difficulty hearing them), call "050 - 3138 - 4211" to hear them as an automated message.

Evacuation information during a disaster **will be issued in 5 stages.**

There are five levels of evacuation announcement/order, depending upon the disaster situation. However, even within the same region the disaster severity can vary from place to place; thus, you should be prepared to voluntarily evacuate as soon as surrounding conditions warrant taking action. (For more about evacuation information, please see p. 24.)