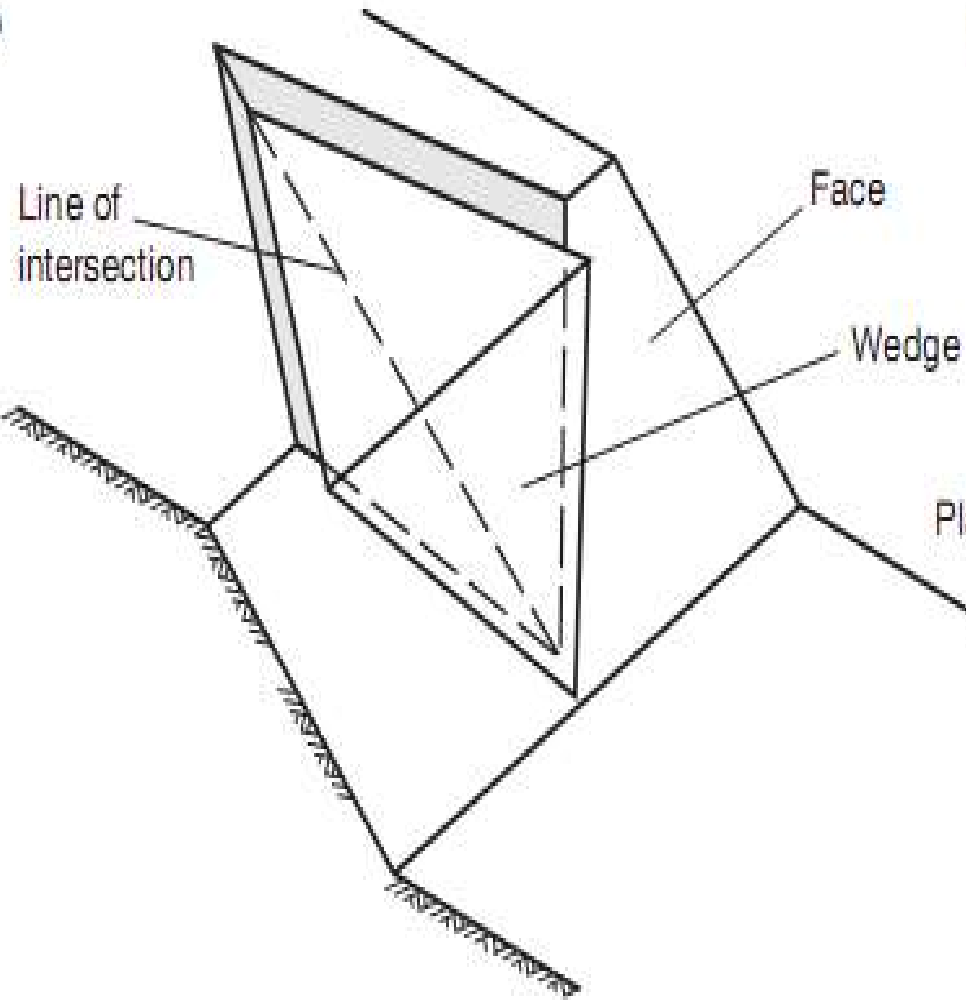
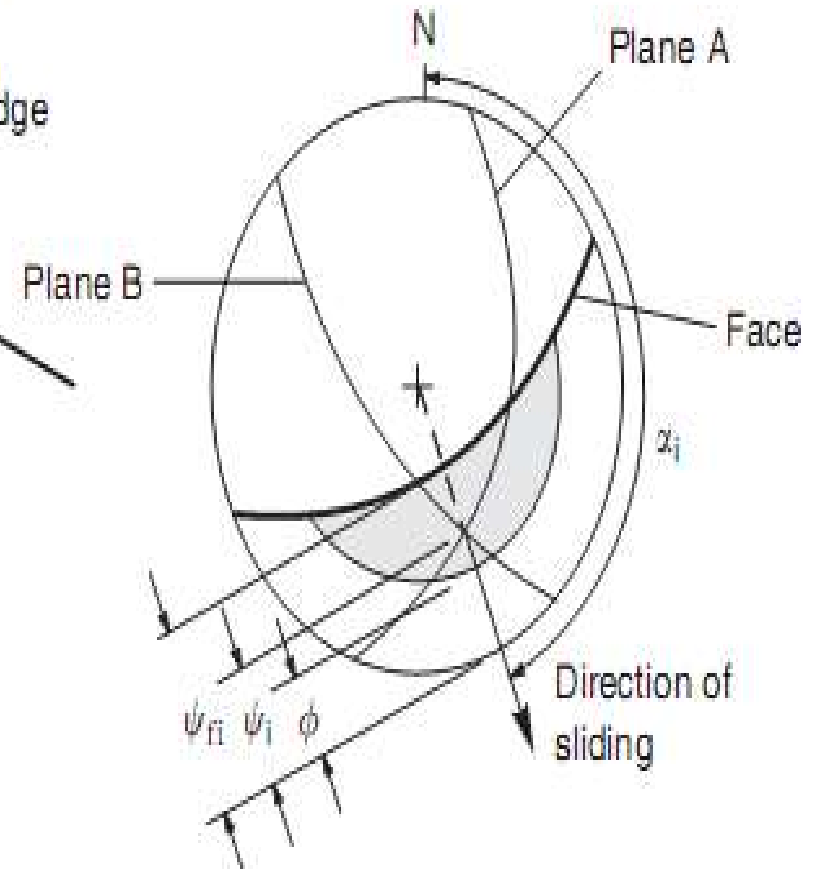




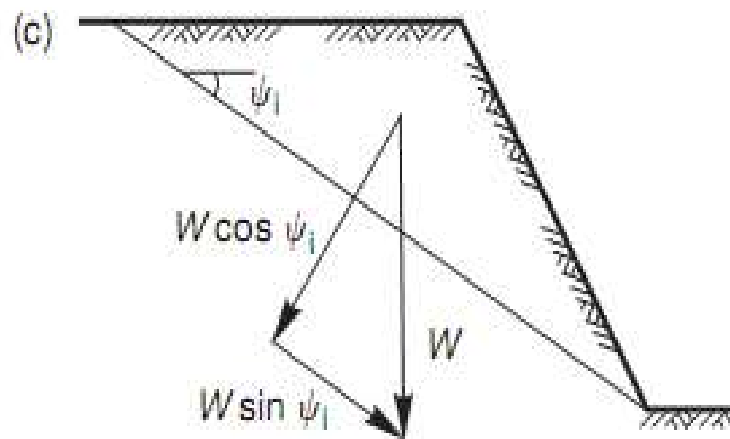
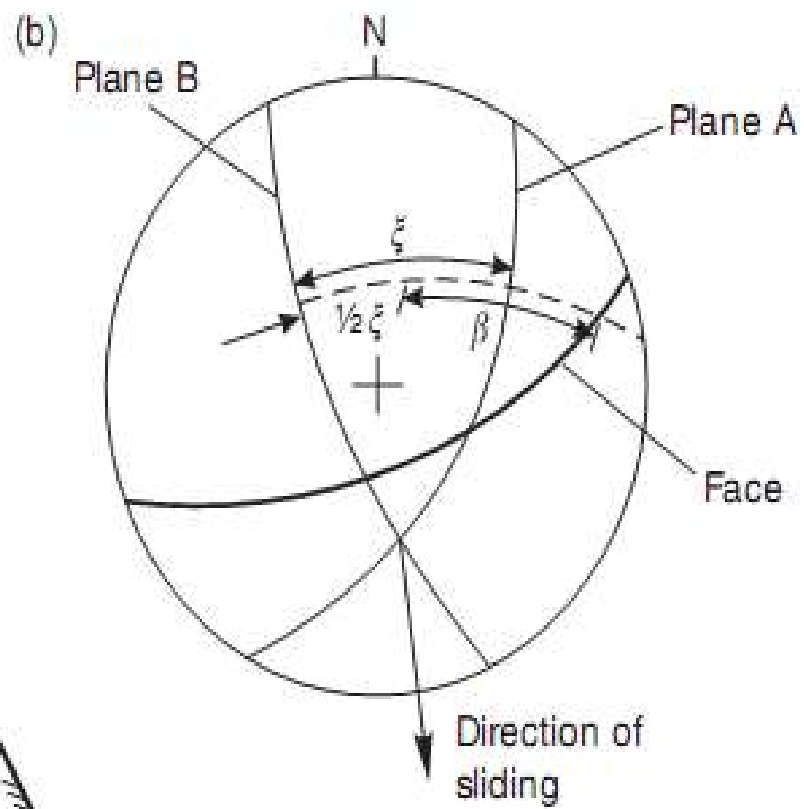
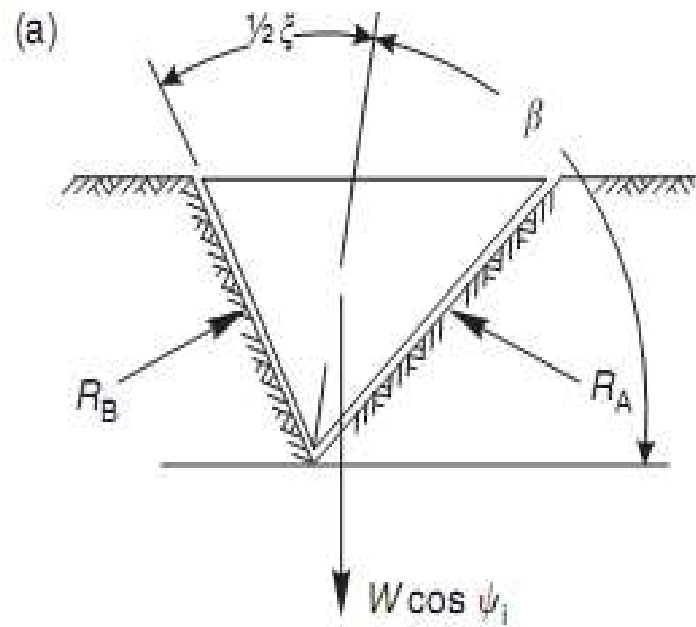
(a)



(b)



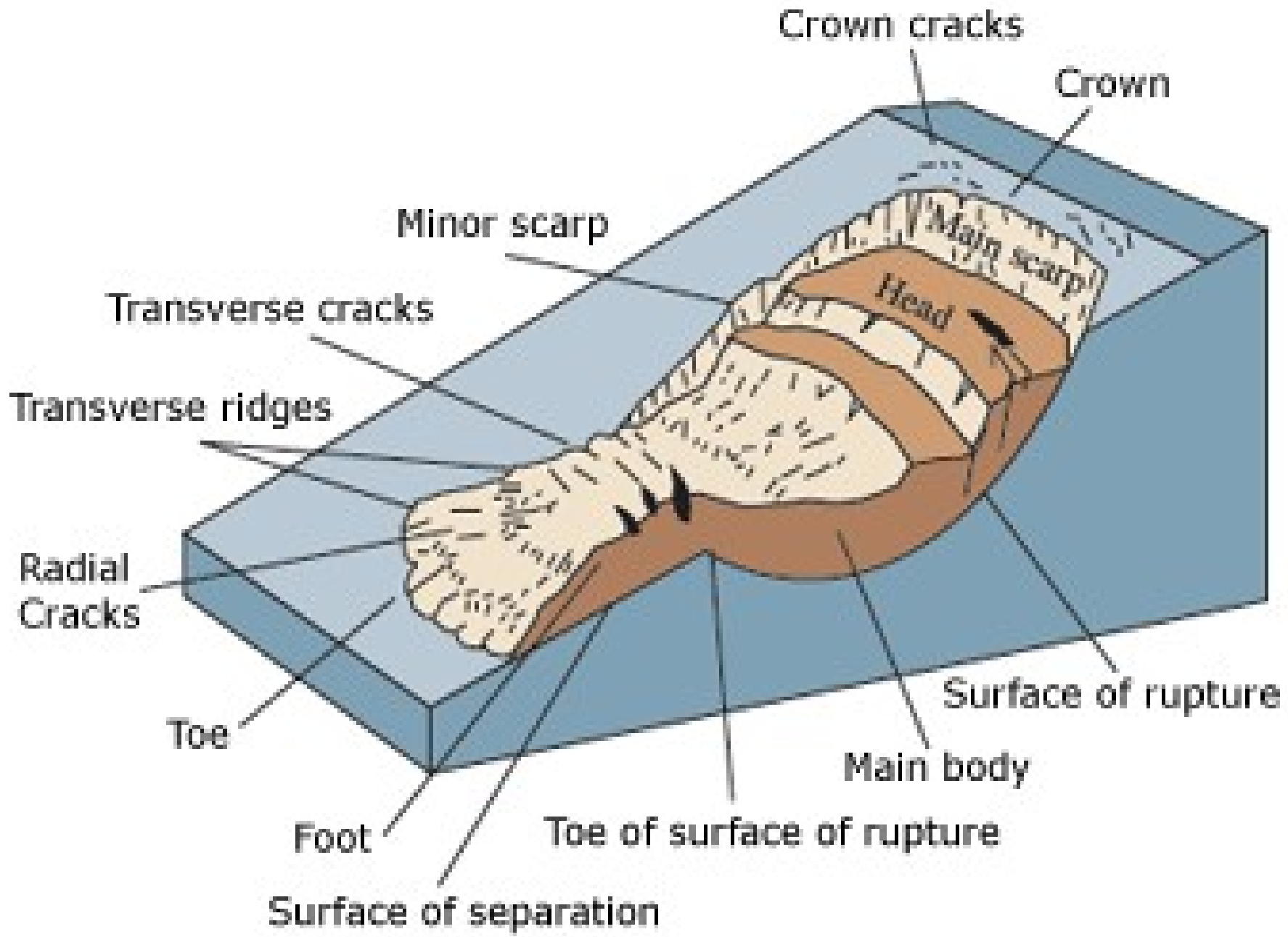
Note: The convention adopted in this analysis is that the flatter plane is always referred to as Plane A.



Landslides



DAY 1

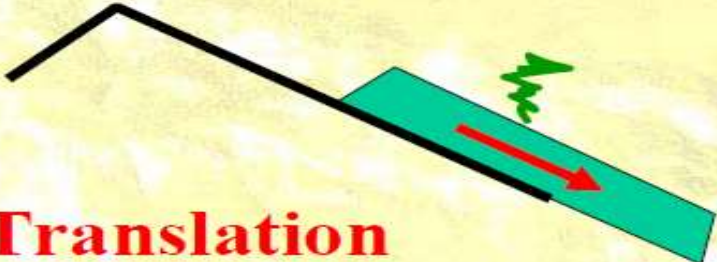


Rotational and Translational Slides

Sliding mechanisms

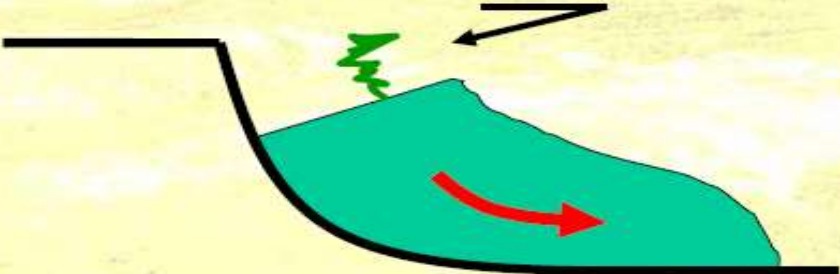


1) Translation

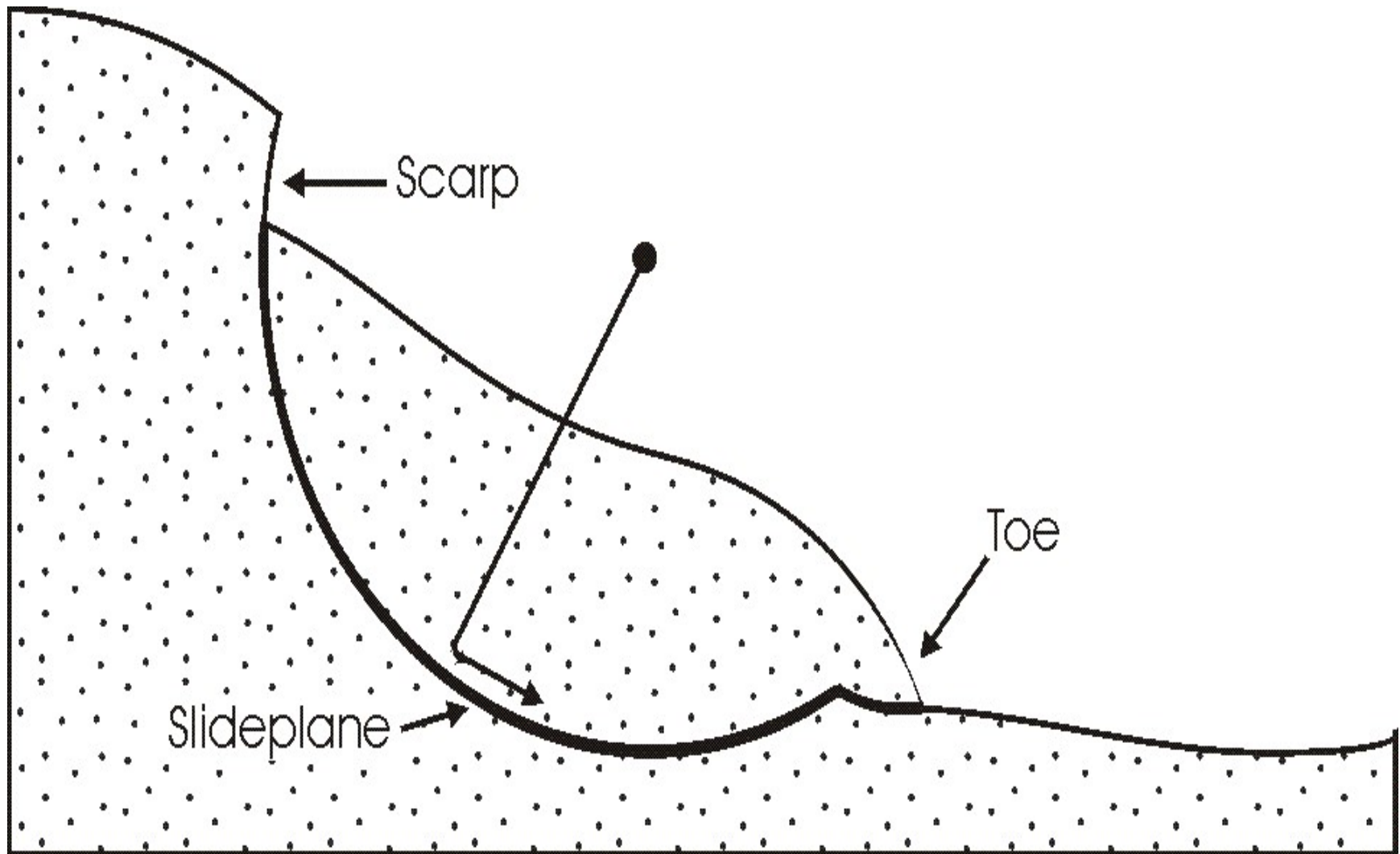


2) Rotation

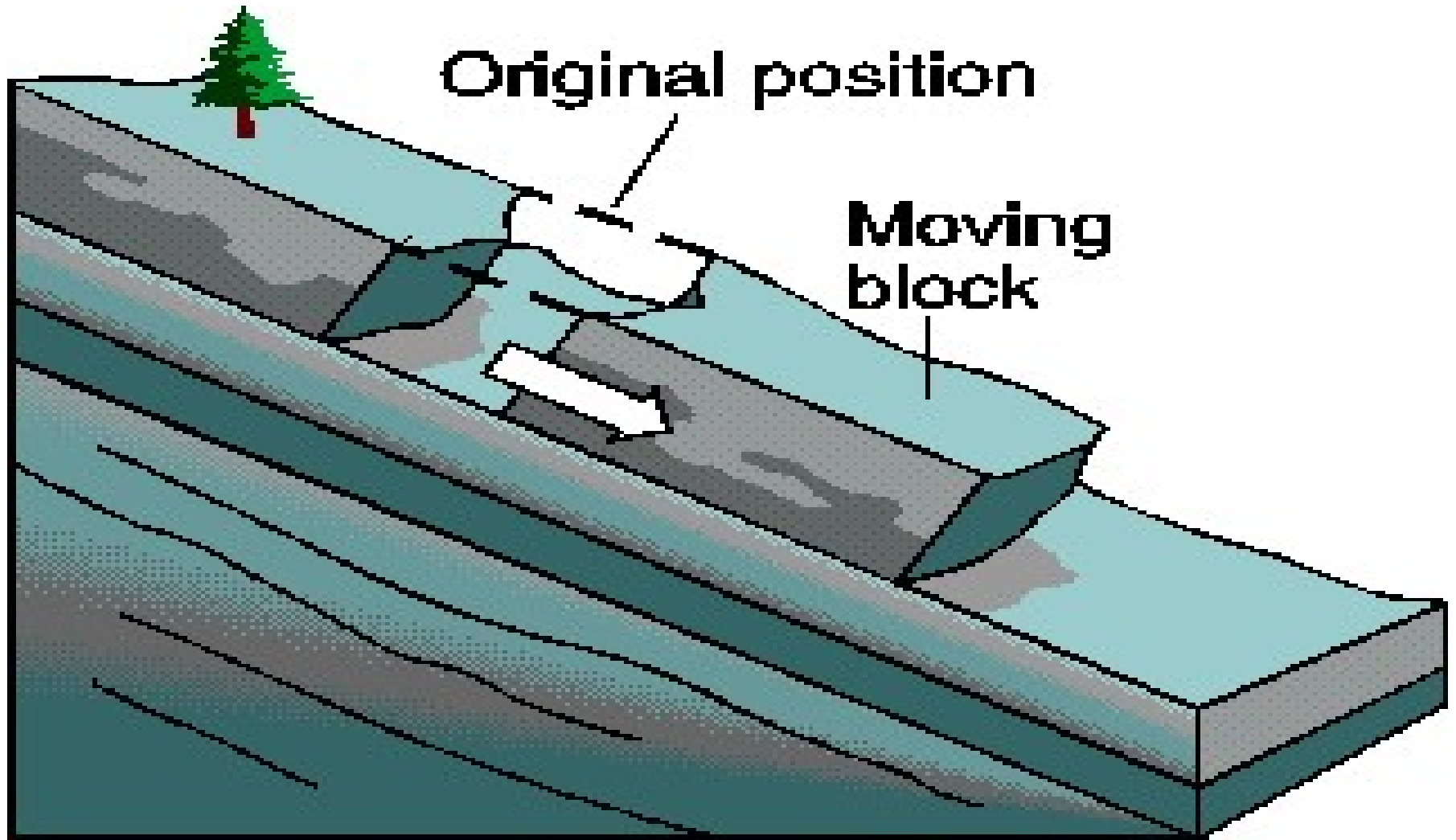
“back-tilt”



Rotational Slides



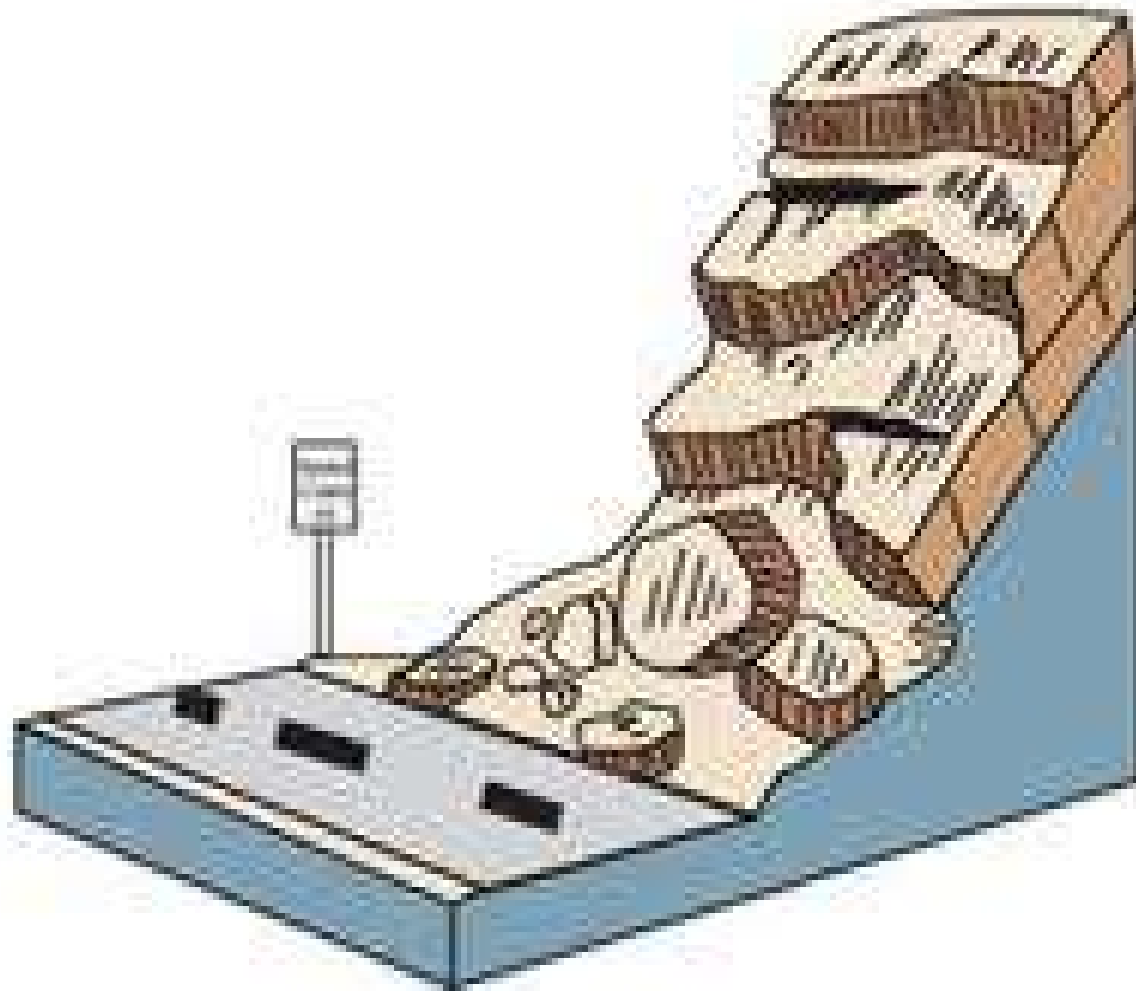
Translational slide



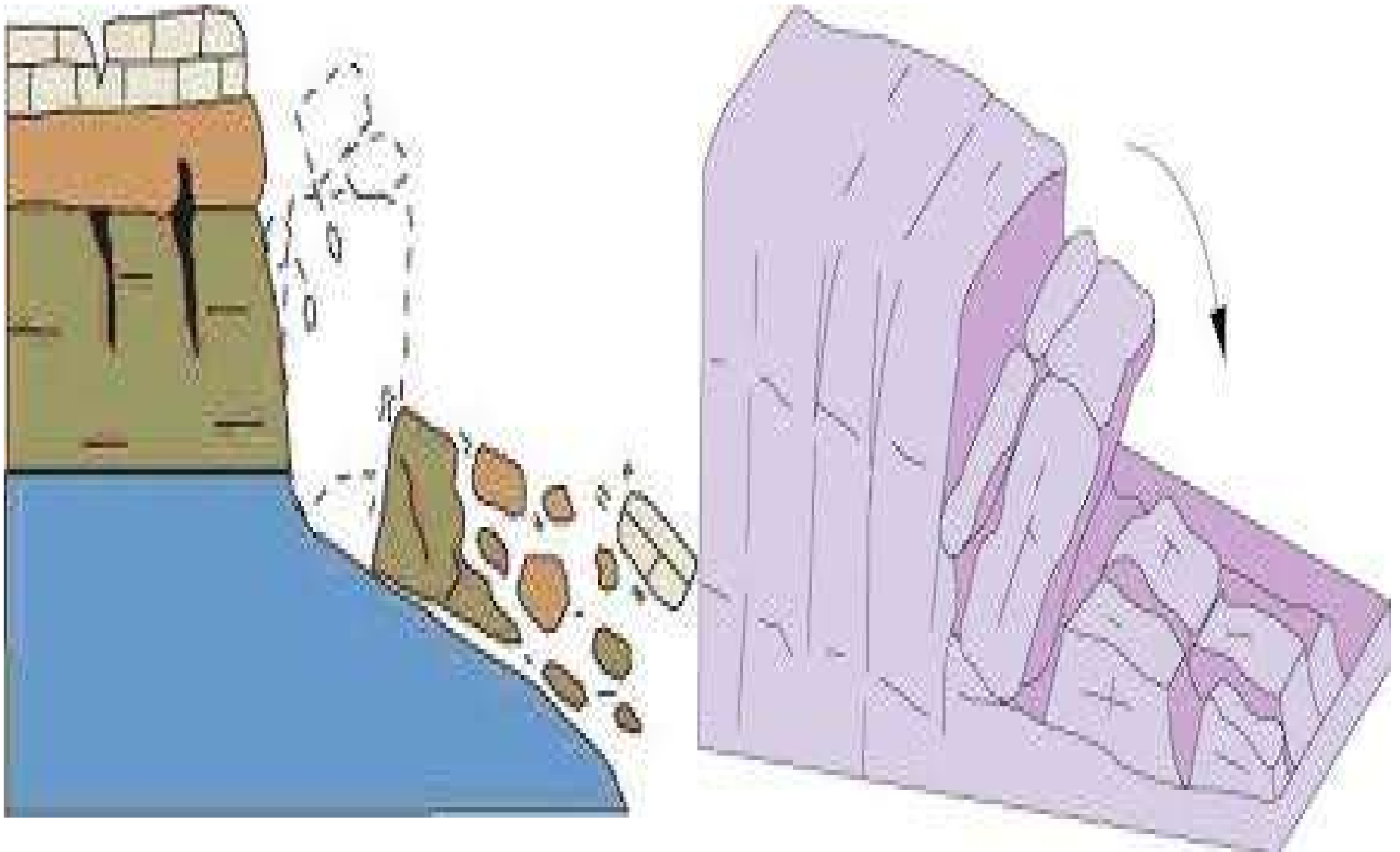
Types of Landslides

- Falls
- Topples
- Flows
 - **Debris flow**
 - **Debris Avalanche**
 - **Earthflow**
 - **Mudflow**
 - **Creep**
- Lateral Spread

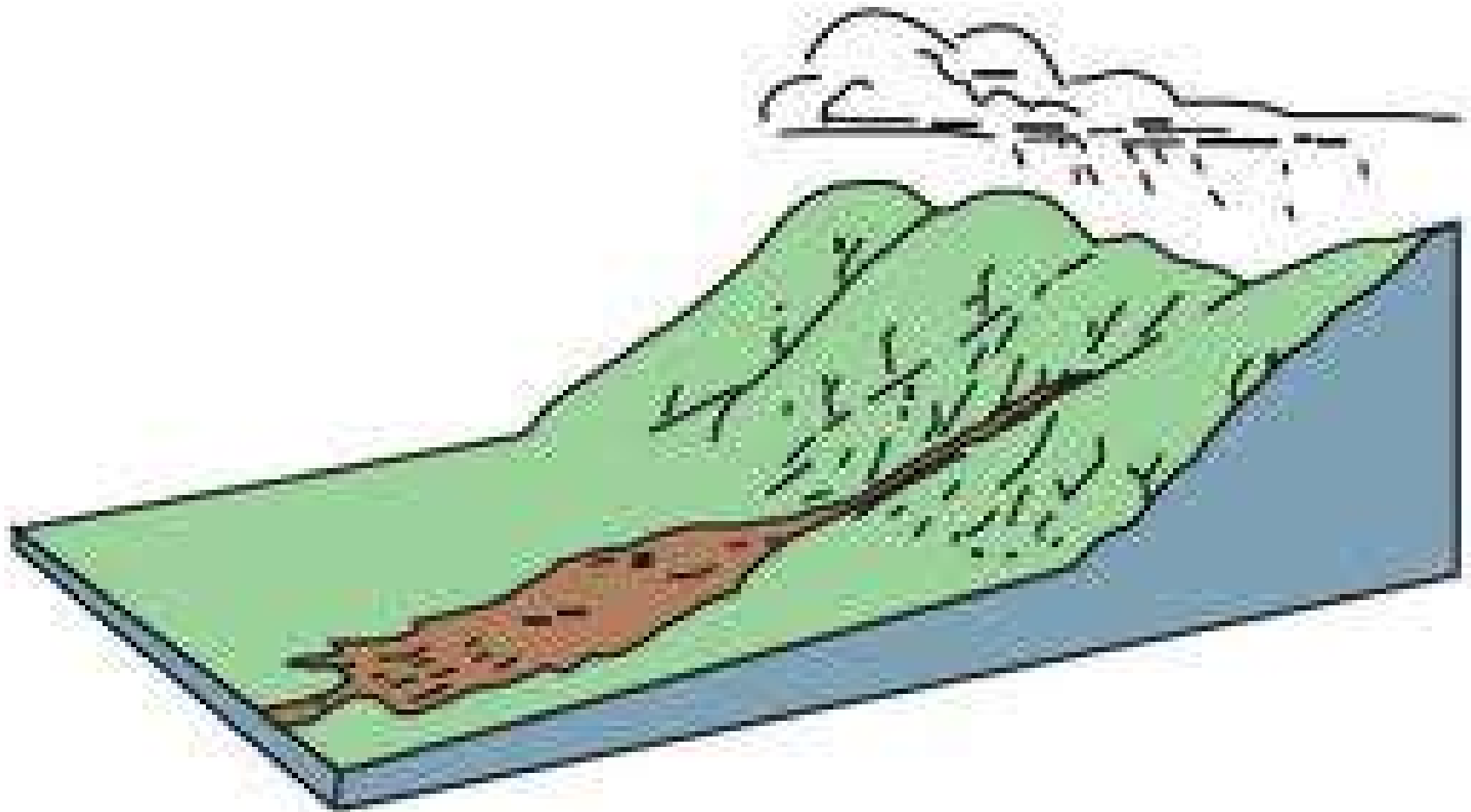
Falls



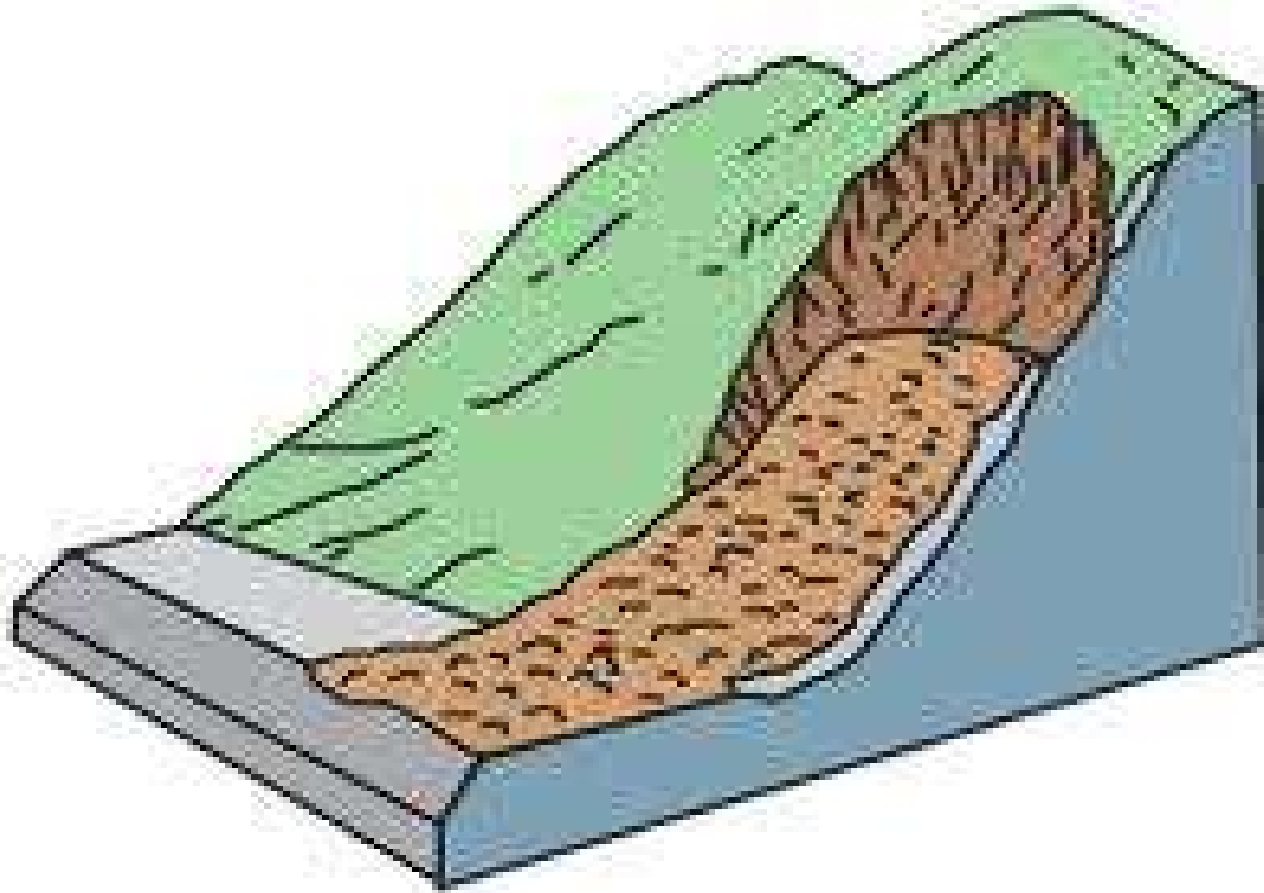
Topples



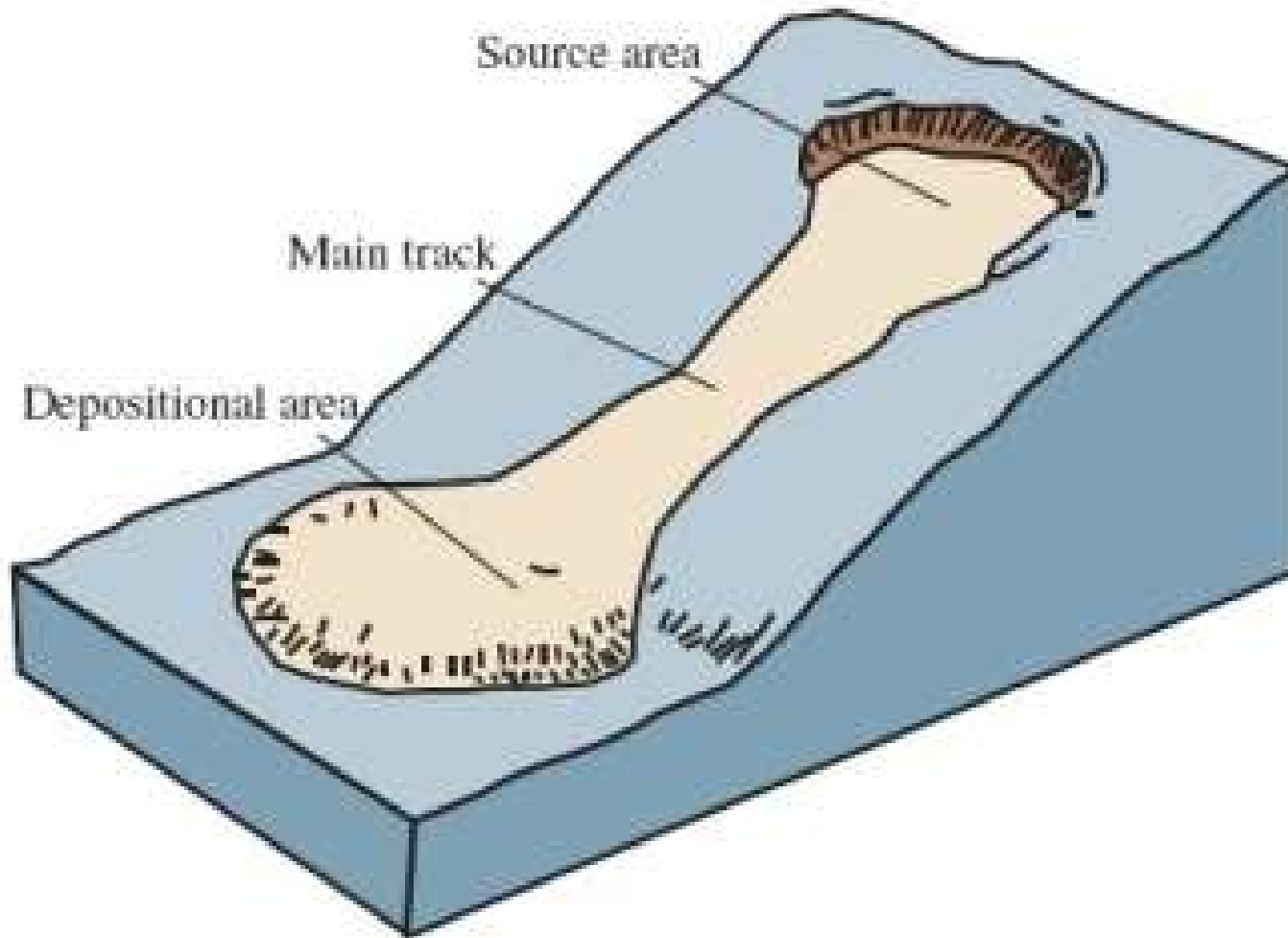
Flows (Debris flow)



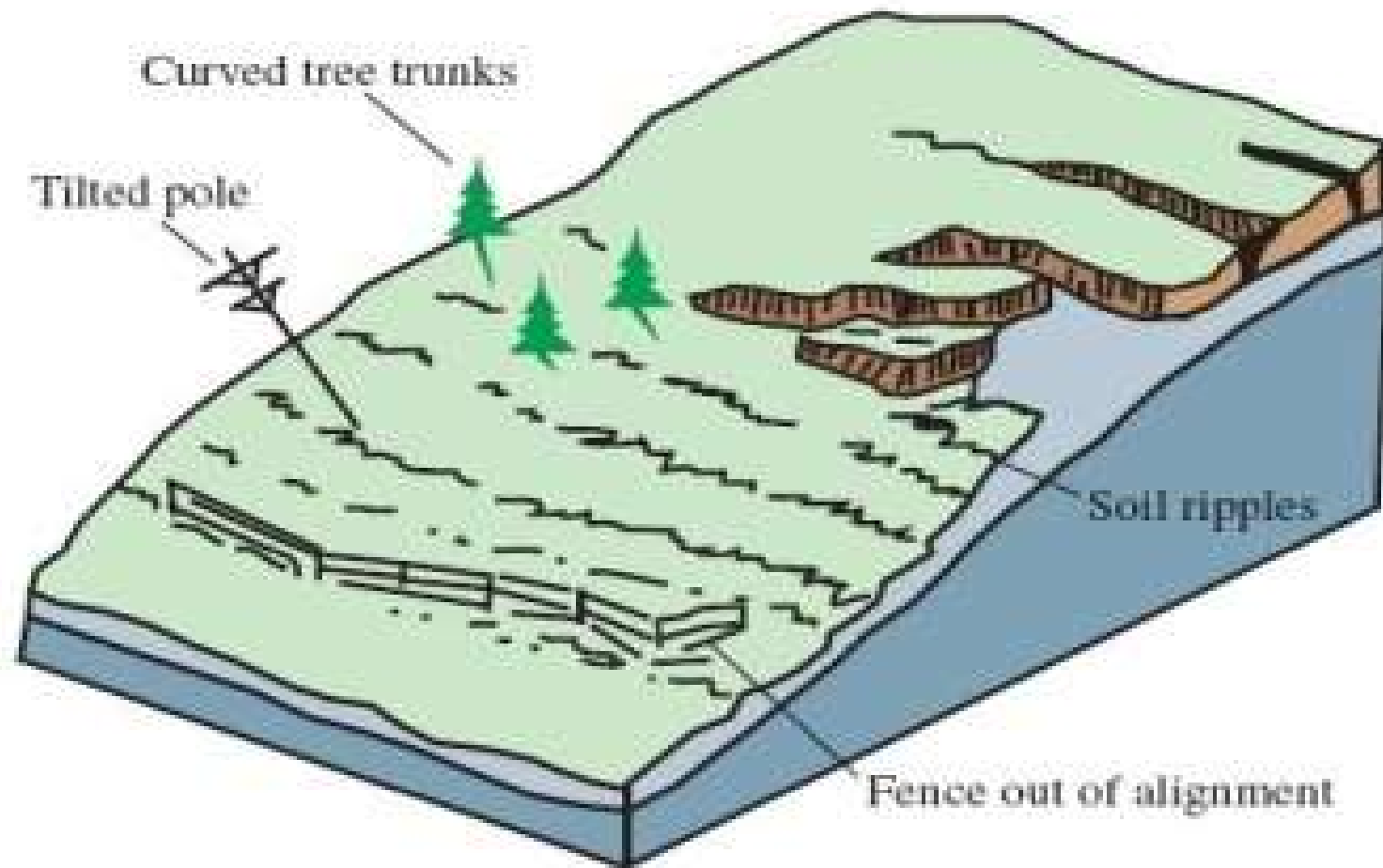
Debris Avalanche



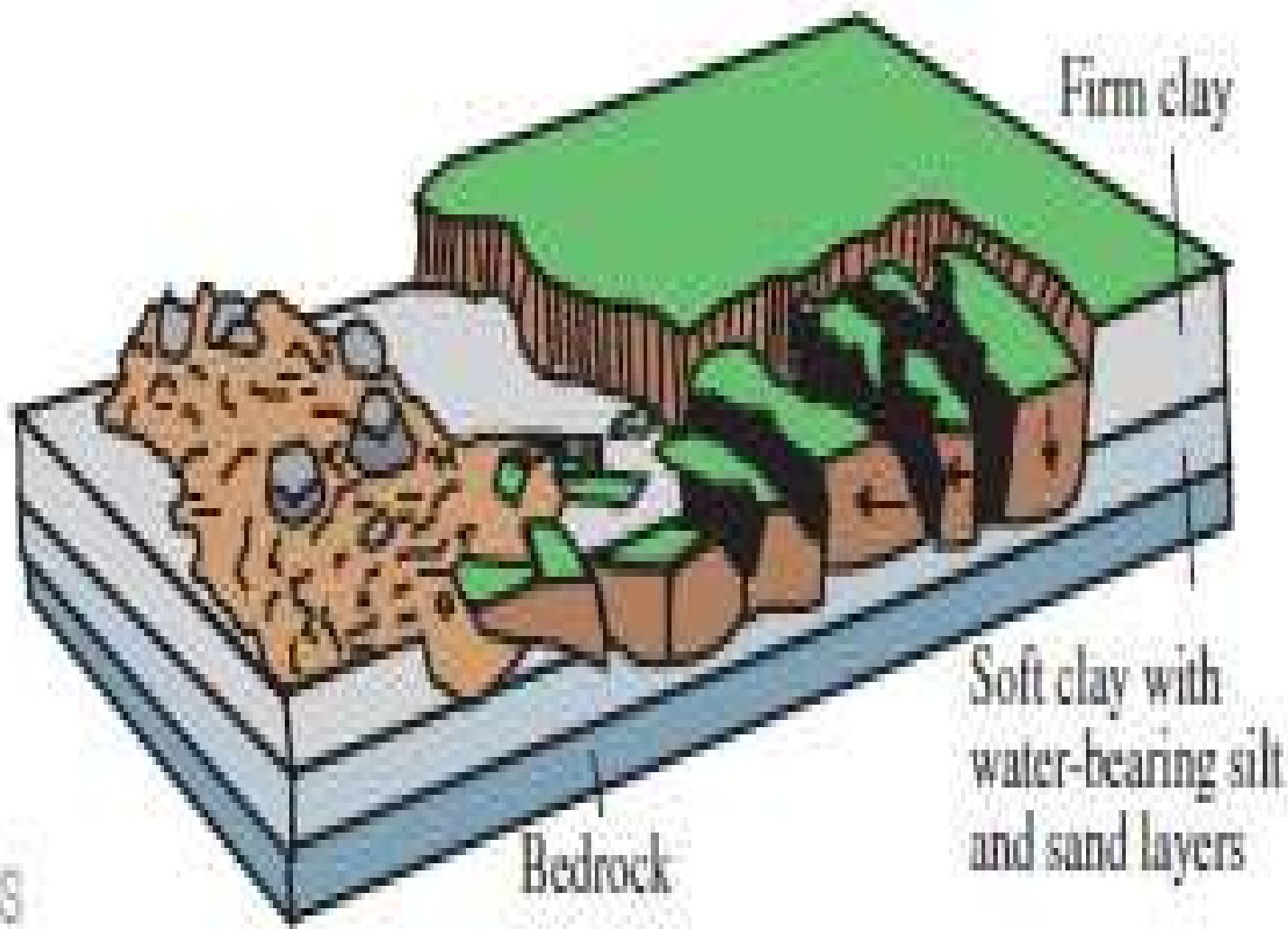
Earthflow/Mudflow



Creep



Lateral Spread



USGS

Lateral spread

