



Most Trusted Learning Platform



Earthquakes

Flood

drought

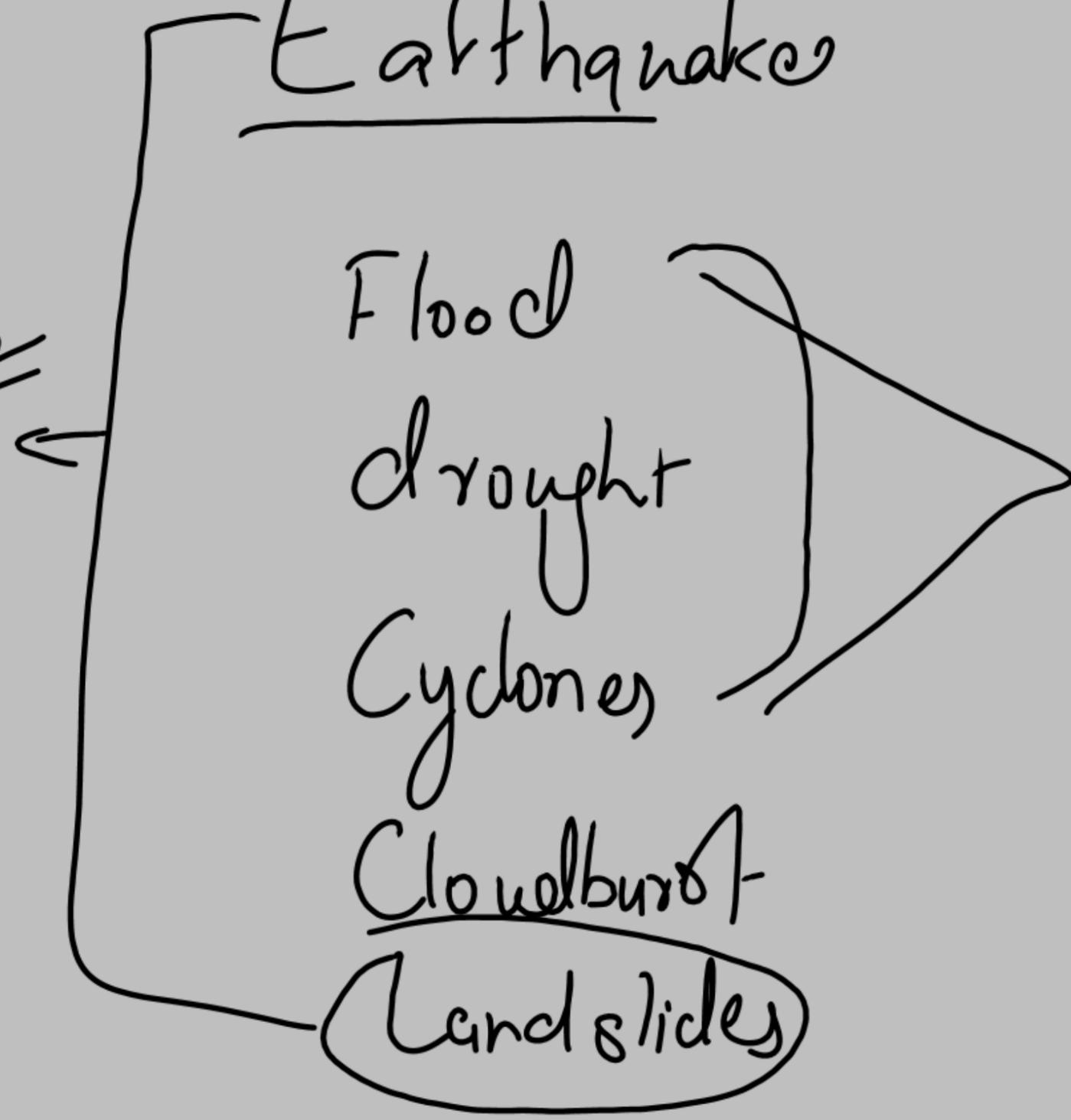
Cyclones

Cloudburst

Landslides

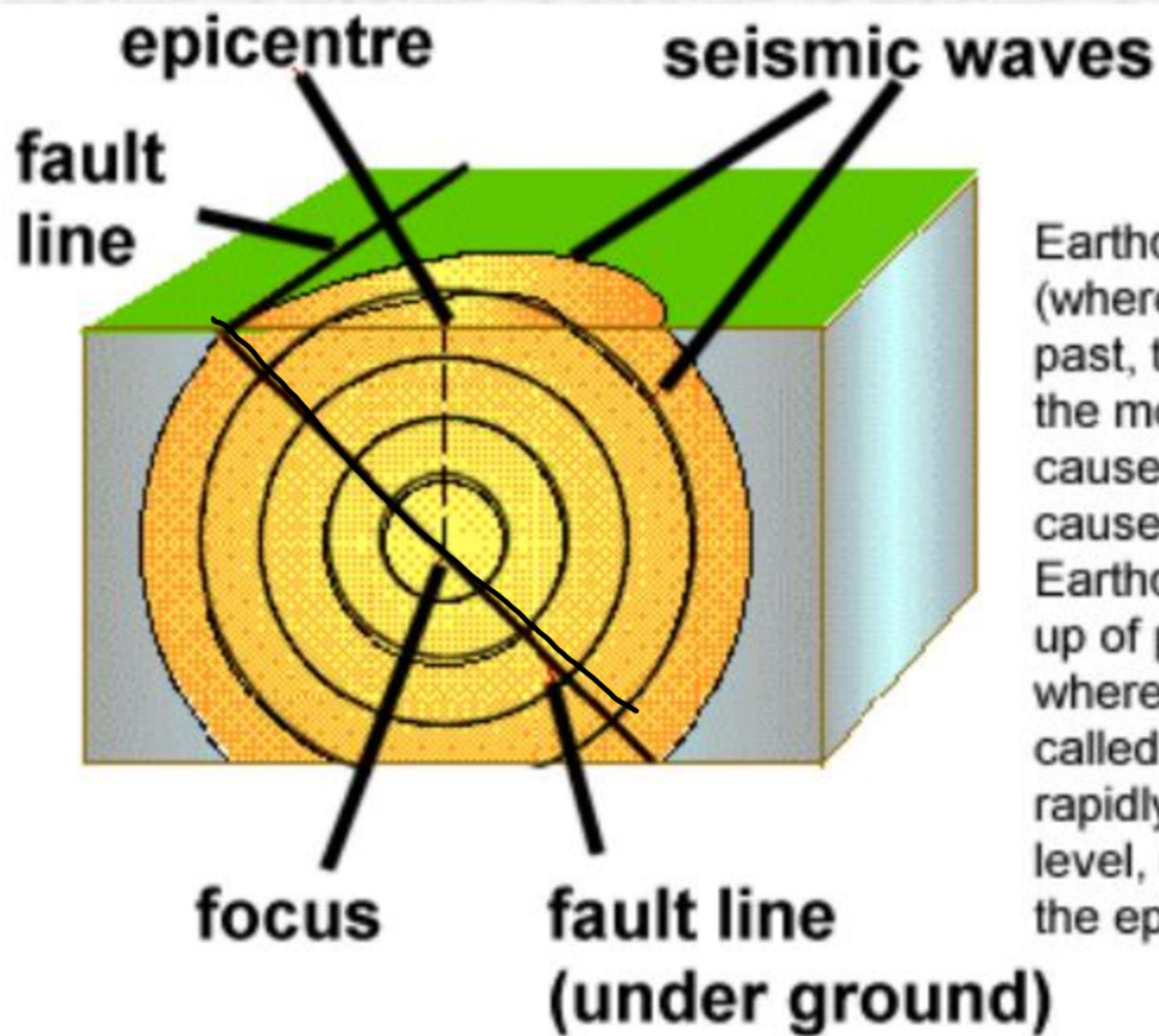
Newspapers

frequency ↑



Earthquake

↳ Cause of it → Tectonic



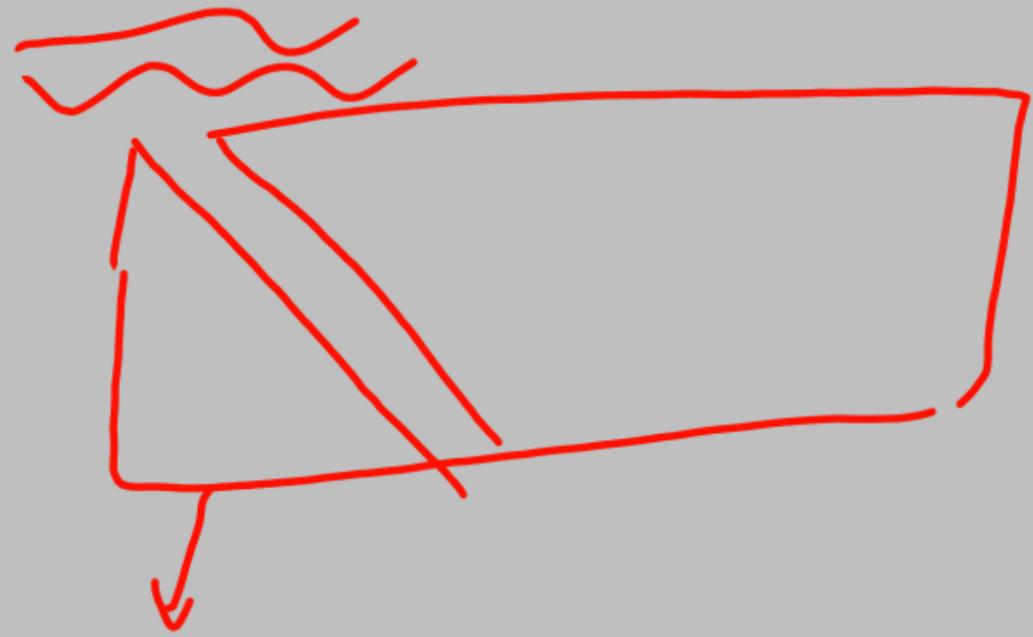
Earthquakes

Earthquakes occur along plate margins (where plates meet). When plates move past, towards or away from each other the movement is not smooth. Friction causes the plates to get stuck. This causes pressure to build up. Earthquakes occur when this build up of pressure is released. The point where the earthquake starts is called the focus. Energy waves race rapidly from this point. The point at ground level, directly above the focus, is called the epicentre.

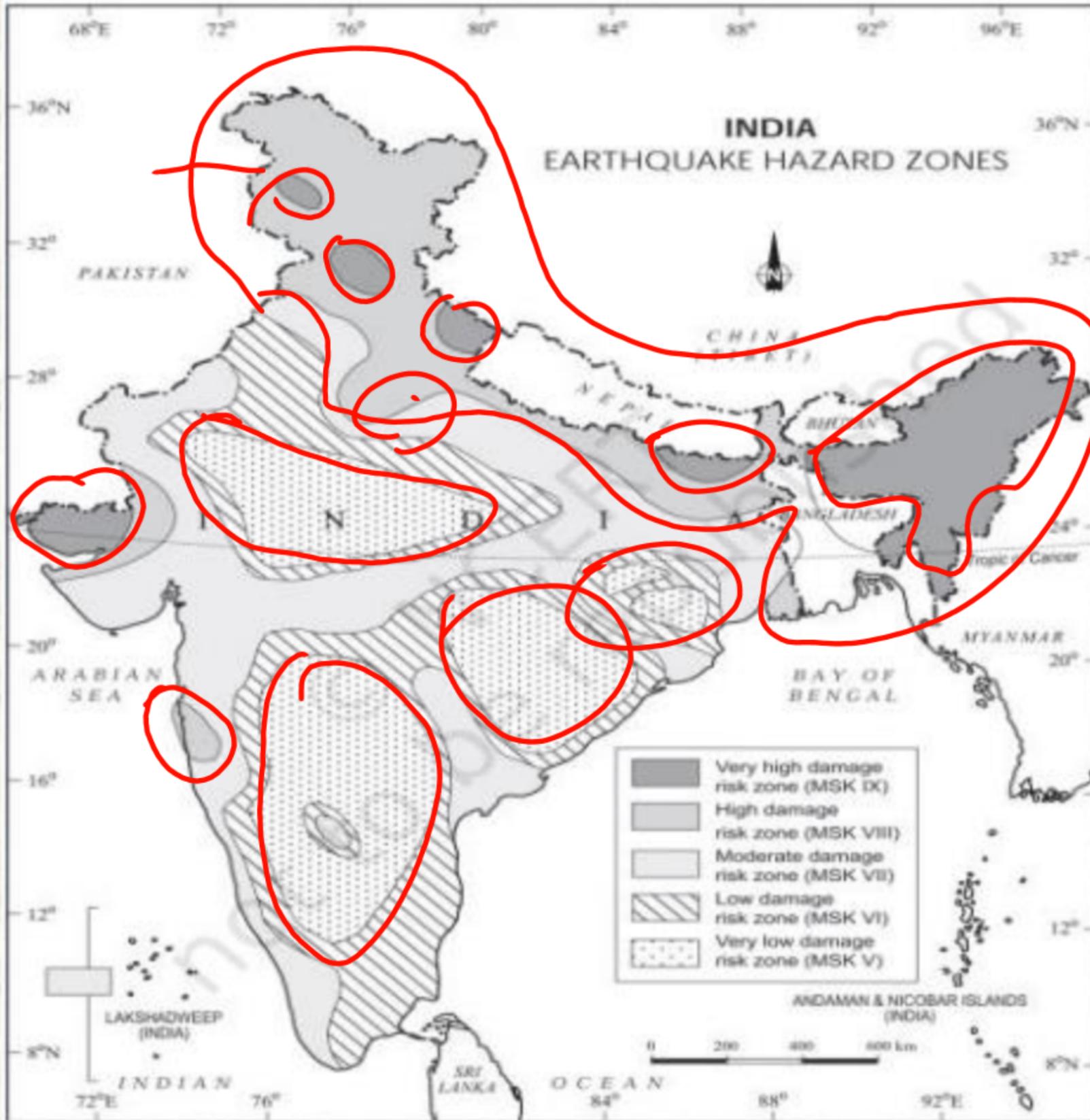
Subsidence
in mining
area



atomic
bombs

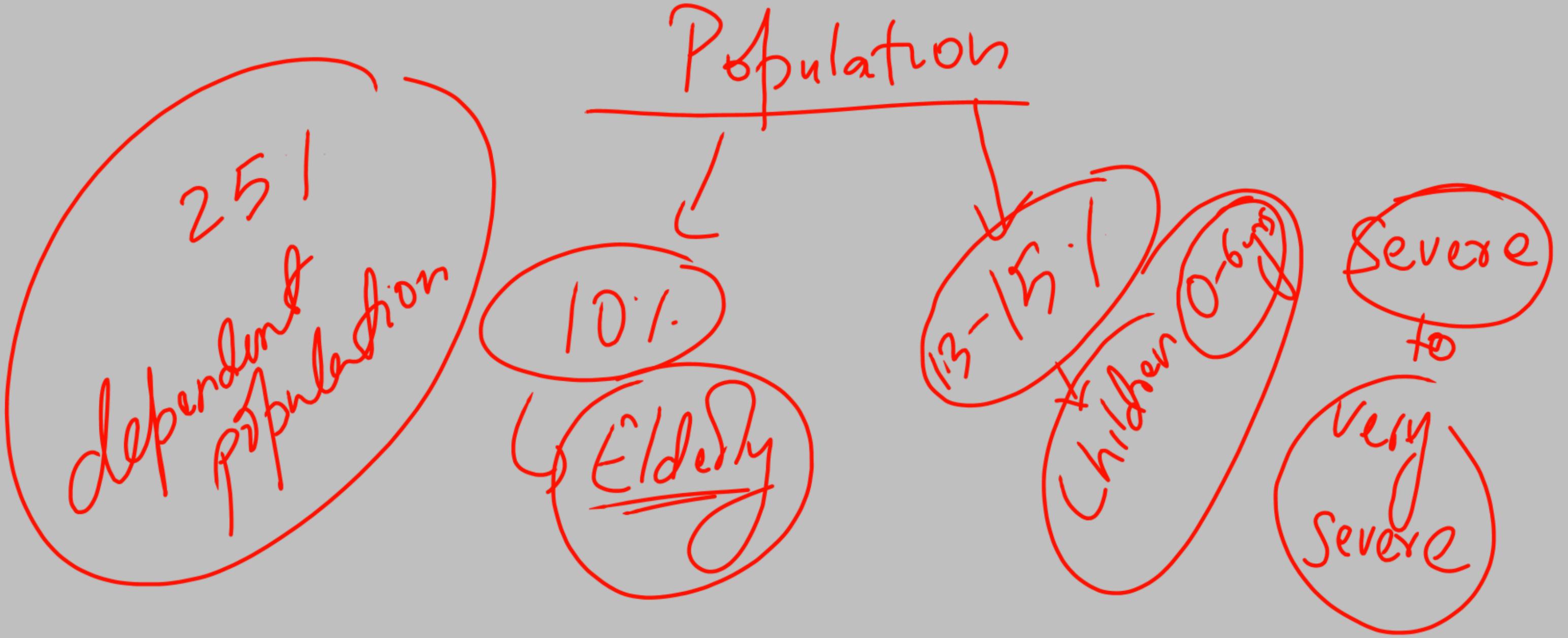


Eurasian plate



59:1 → Area
82:1 Population

⇒ 29 cities (Delhi, Capital Cities of 10+ States)
10 cr
→ huge population density
↳ in urban areas vulnerable to earthquake.



Infrastructure

→ Extremely poor

→ Increase in skyscraper buildings
→ high rise buildings

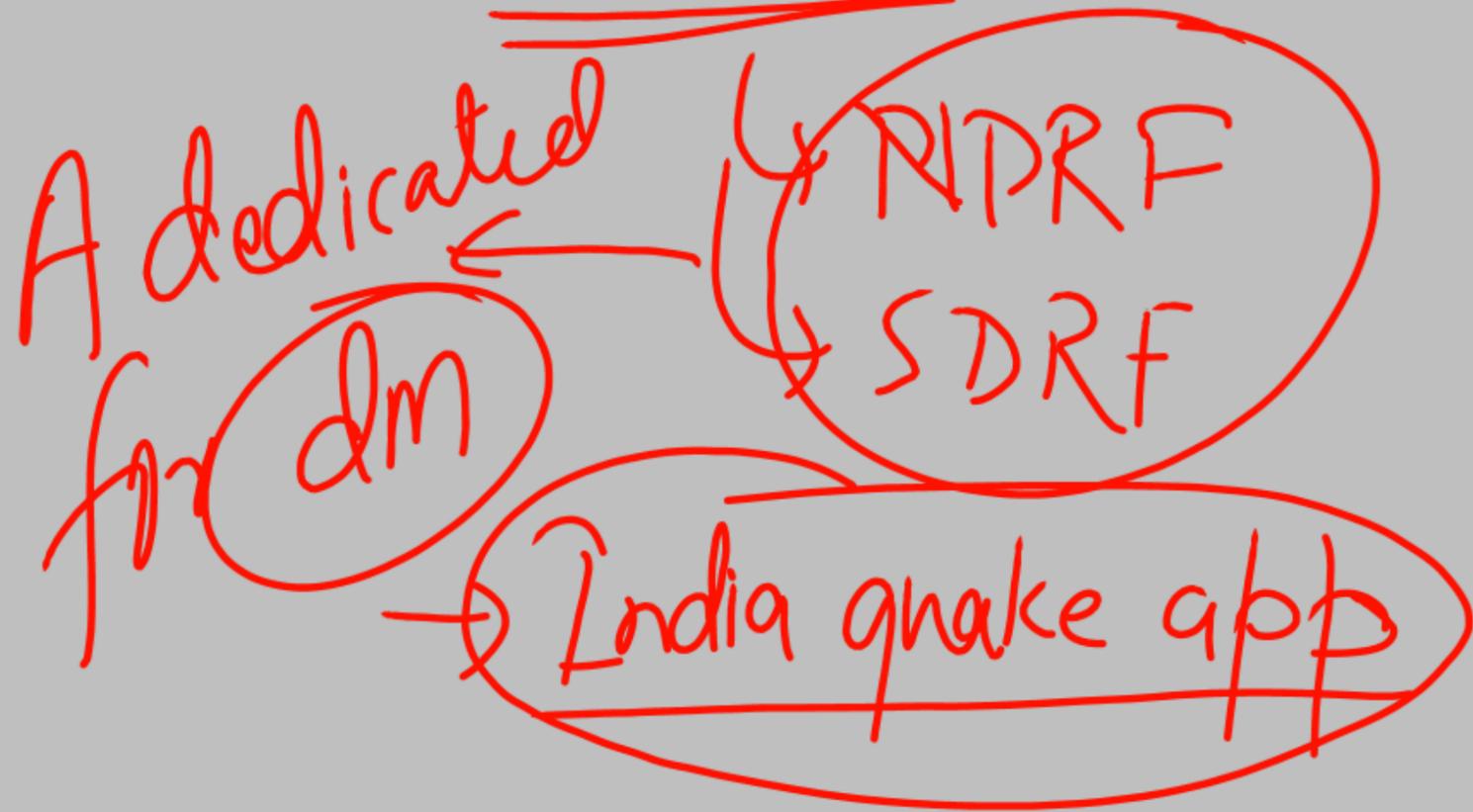
1,00,000
1833
Shift in Course
of Kosi River

Consequences

- Shifting of Course of River
- Dam failure
- Structural damage
- Loss of life, livelihood, property
Social and Economic
- Environmental damage

Mitigation

→ Institutions



Adaptation

→ National Building Code

→ Building materials

↳ Concrete

→ Capacity building







KHAN GLOBAL STUDIES

Most Trusted Learning Platform

THANKS FOR WATCHING

