



IB DP Geography Geophysical Hazards - Pre-Event Management Strategies

Description of methods including suitability for HIC / LIC	Application in different locations.
<p>Landslides – Slope stabilization & Early Warning Systems</p> <p>Notes on engineering methods to stabilise slopes.</p> <p>Listen to the BBC Science in Action Podcast and take notes from 1.00 – 6.00 and make notes on the landslide early warning system and how it might work.</p>	
<p>Tsunami Defence – Building a higher Wall in Japan post 2011.</p> <p>First study the Guardian picture essay by clicking here.</p> <p>Then, watch the report here and take notes on the new tsunami walls being built on the coastline in Japan and it's controversies.</p>	

Earthquake Resistant Buildings

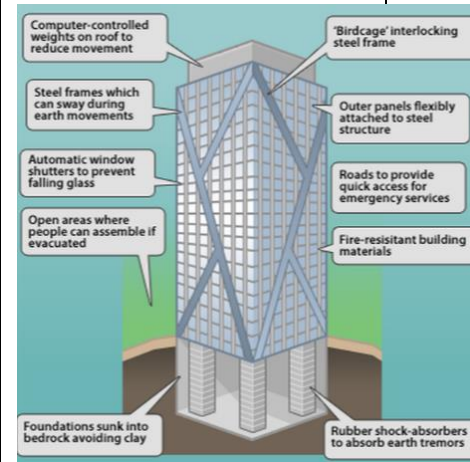
Listen to the [BBC Inquiry Podcast \(2017\) Can we Quake-Proof a City?](#)

Part 1 – Lessons from the dead.

Part 2 – High Tech City.

Part 3 – Low Tech city.

Part 4 – Lifelines.

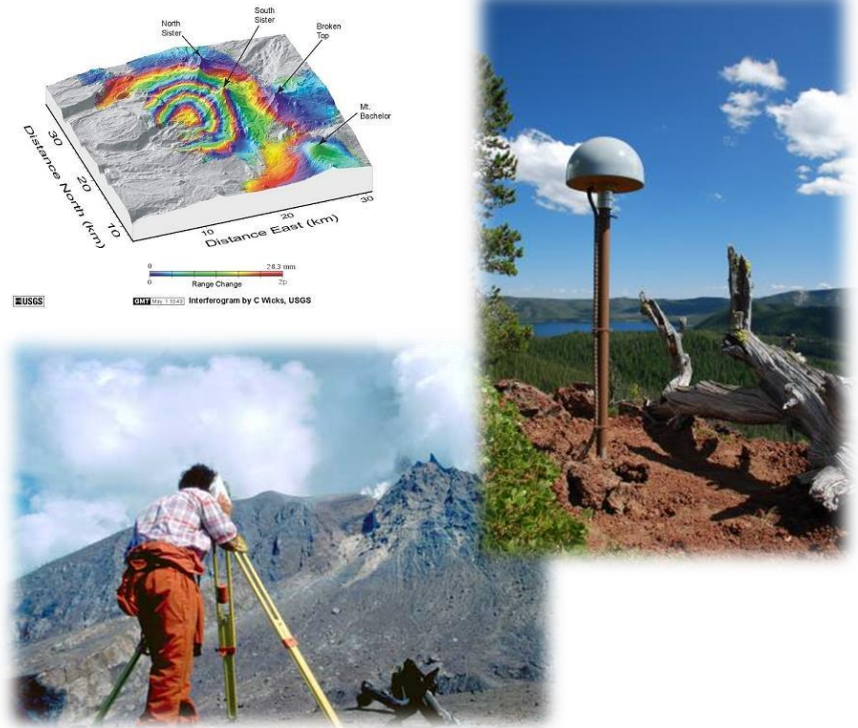


To the left, HIC earthquake resistant building design, and below, LIC.



GPS Crater Monitoring – Volcanoes

Use the [excellent information here from USGS](#) to make notes on how GPS crater monitoring can give important warnings about imminent eruptions and how this can reduce vulnerability amongst populations close to the volcano.



Lava Diversion Channels – Volcanoes

Read the [information here](#) and explain how this relatively simple process works.

