



## The Philippines Multiple Hazard Zone

Different hazard events happening at the same time can leave communities **having to deal with a new disaster when trying to recover**. Multiple hazards leave a community in a near constant state of emergency, hindering development.

### Location and associated hazards

**Convergent plate boundary** – There are **22 active volcanoes** and the Philippines is prone to Earthquakes. **30% of the population live within 30 km of a Volcano.**

**Pacific Ocean** – Prone to Tsunamis.

**Typhoon belt** – The Philippines has on **average 15 per year.**

**High rainfall, steep topography, and deforestation** – **Landslides.**

### Vulnerability

The Philippines has a growing population, rapid urbanisation, and high levels of poverty.

- Rapidly developing.
- Many of the poor live in coastal areas.
- 25% of the population are in poverty.

### Examples of where the multiple hazards in the Philippines has led to problems

2006

- Earthquake **killed 15 people.**
- This generated a **3m high Tsunami** and landslides which lead to flooding.

2013 – Within 3 months

- Earthquake **killed 223 people.**
- Typhoon Haiyan **killed 6201 people.**
- Tropical floods **killed 64.**

