SHAKING THE ARCHIPELAGO25 years of Seismic Activities in the Philippines

The Philippines is one of the most disasterprone countries in the world. Situated along the Pacific Ring of Fire, it experiences frequent seismic activity due to active tectonic movements, particularly along the Philippine Trench and other fault systems. According to the 2024 World Risk Report by UNICEF, the Philippines ranks first among countries with the highest disaster risk.

This map visualizes **25 years of earthquake occurrences (2000–2024)**, highlighting seismic hotspots and the country's vulnerability to tectonic hazards. The total recorded earthquakes, as well as earthquake-related deaths, injuries, affected populations, and economic damages (in USD) sourced from USGS EHP and EM-DAT.

Active Fault

- ____ Approximate Offshore Projection
- --- Active Fault (Approximate)
- Active Fault (Certain)

Potential Active Fault

Potential Active Fault (Certain)

Potential Active Fault (Approximate)

Convergence Zone

Trench

▲ ▲ ▲ Collision Zone

Transform Fault

Earthquake Magnitude

- < 4.0
- 4.0 5.0
- 4.0 3.0
- 5.1 6.0
- 6.1 7.0
- > 7.0

