

GLOBAL VOLCANIC & SEISMIC ACTIVITY CHART

Geological Monitoring & Boundary Analysis Template

Active Volcano / Holocene
Seismic Epicenter (>6.0)
Tectonic Plate Boundary

Region / Zone	Tectonic Setting	Activity Level	Primary Risk Factor
Ring of Fire (Pacific)	Subduction Zones	High	Tsunamis / Explosive Eruptions
Mid-Atlantic Ridge	Divergent Boundary	Moderate	Effusive Fissures / Rift Expansion
Alpine-Himalayan Belt	Continental Collision	High	Deep Focus Earthquakes
East African Rift	Developing Divergent	Low/Medium	Stretching / Shield Volcanoes

FIELD OBSERVATIONS & KEY FINDINGS

DATE OF ANALYSIS
LEAD GEOLOGIST SIGNATURE