

Unit 5 – Geographical Research

Tectonic Hazards

Glossary

Tectonic hazards and causes: What are tectonic hazards and what causes them?

Active volcano	
Asthenosphere	
Block	
Bomb	
Continental crust	
Continental drift	
Convergent boundary	
Disaster	
Divergent boundary	
Earthquake	
Lahar	
Landslides	
Lapilli	
Lava	
Lithosphere	
Liquefaction	
Magma	
Natural hazard	
Oceanic crust	
Plate margin	
Pyroclast	
Pyroclastic flow	
Richter scale	
Saturation	
Seismologist	
Tectonic hazard	
Tectonic plate	
Transform boundary	
Tsunami	
Volcano	
Volcanic ash	

What Impact does tectonic activity have on landscapes and why does this impact vary?

Batholith	
Cinder Volcano	
Constructive volcano	

Destructive volcano	
Destructive boundary	
Dike	
Extrusion	
Fault Line	
Fissure	
Fold	
Fumerole	
Ground displacement	
Hawaiian eruption	
Hotspot	
Intrusion	
Laccolith	
Lava plateau	
Parasitic cone	
Plinian eruption	
Plutons	
Rift valley	
Ring of Fire	
Shield volcano	
Sill	
Stock	
Strombolian eruption	
Vein	
Viscosity	
Volcanic cone	
Vulcanian eruption	

What impacts do tectonic hazards have on people and how do these vary?

Centre for Research on the Epidemiology of Disasters (CRED)	
Choice	
Developed	
Developing	
Direct cost	
Economic Impact	
Emergency Disasters Database (EM-DAT)	
Environmental Degradation	
Ignorance	
Indirect cost	

Inertia	
Less developed	
Physical impact	
Social impact	
Socio-economic status	
Tectonically active	

How do people cope with tectonic hazards and what are the issues for the future?

Capacity	
Community memory	
Cost- benefit analysis	
Disaster risk equation	
Federal Emergency Management Authority (FEMA)	
Hazard profile	
Infrastructure	
International Decade for Natural Disaster Reduction (IDNDR)	
Loss burden	
Megacities	
Natural buffers	
Non-governmental organization (NGO)	
Prediction	
Systemic approach	
Volcanologist	
Vulnerability	