Tectonics Case Studies

Event	Location	Size of event	Cause	Socio-economic impacts
Haiti earthquake 2010	Epicentre near Port-au-Prince	7.0 Richter Scale	Strike-slip earthquake. Depth: 13km (shallow).	Deaths: 316,000 many from building collapse, others from disease. Injuries: 300,000. Huge % of buildings destroyed. Still recovering 10 years on.
Christchurch earthquake Feb, 2011				
Asian tsunami Dec 2004				
Tohoku earthquake/ tsunami Japan 2011				

Eyjafjallajokull (EFJ) Volcano Iceland 2010				
Palu earthquake and tsunami. Indonesia. 2018				
Turkey-Syria Earthquake 2023				
Myanmar earthquake March 2025				