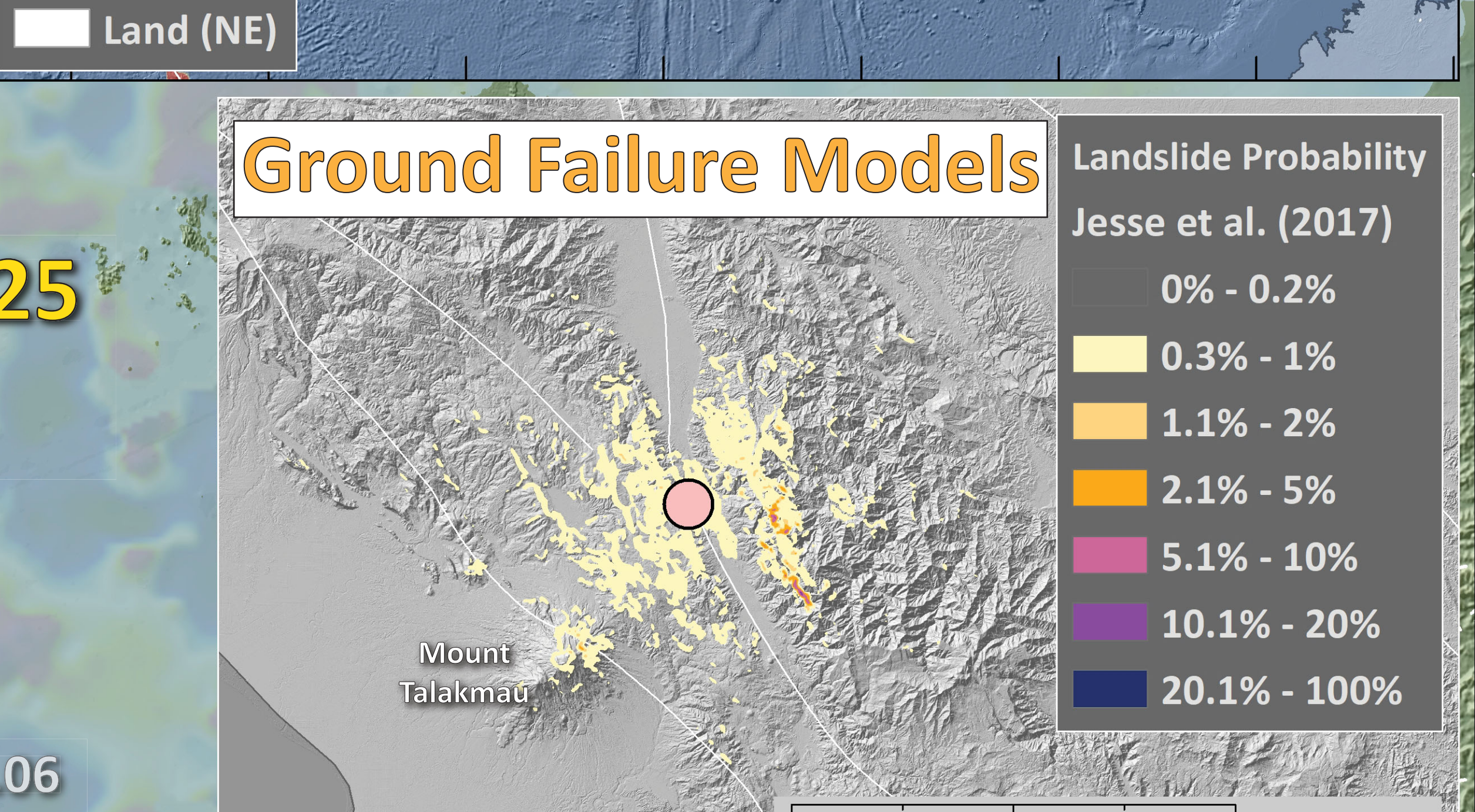
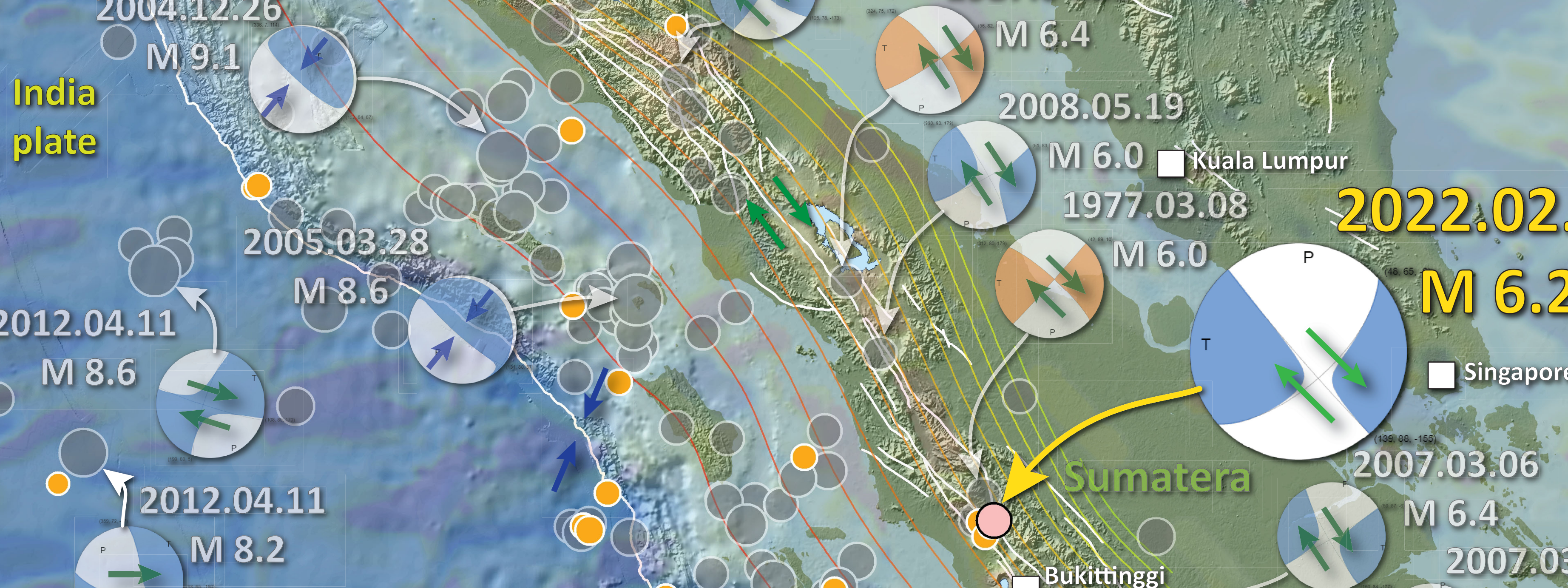
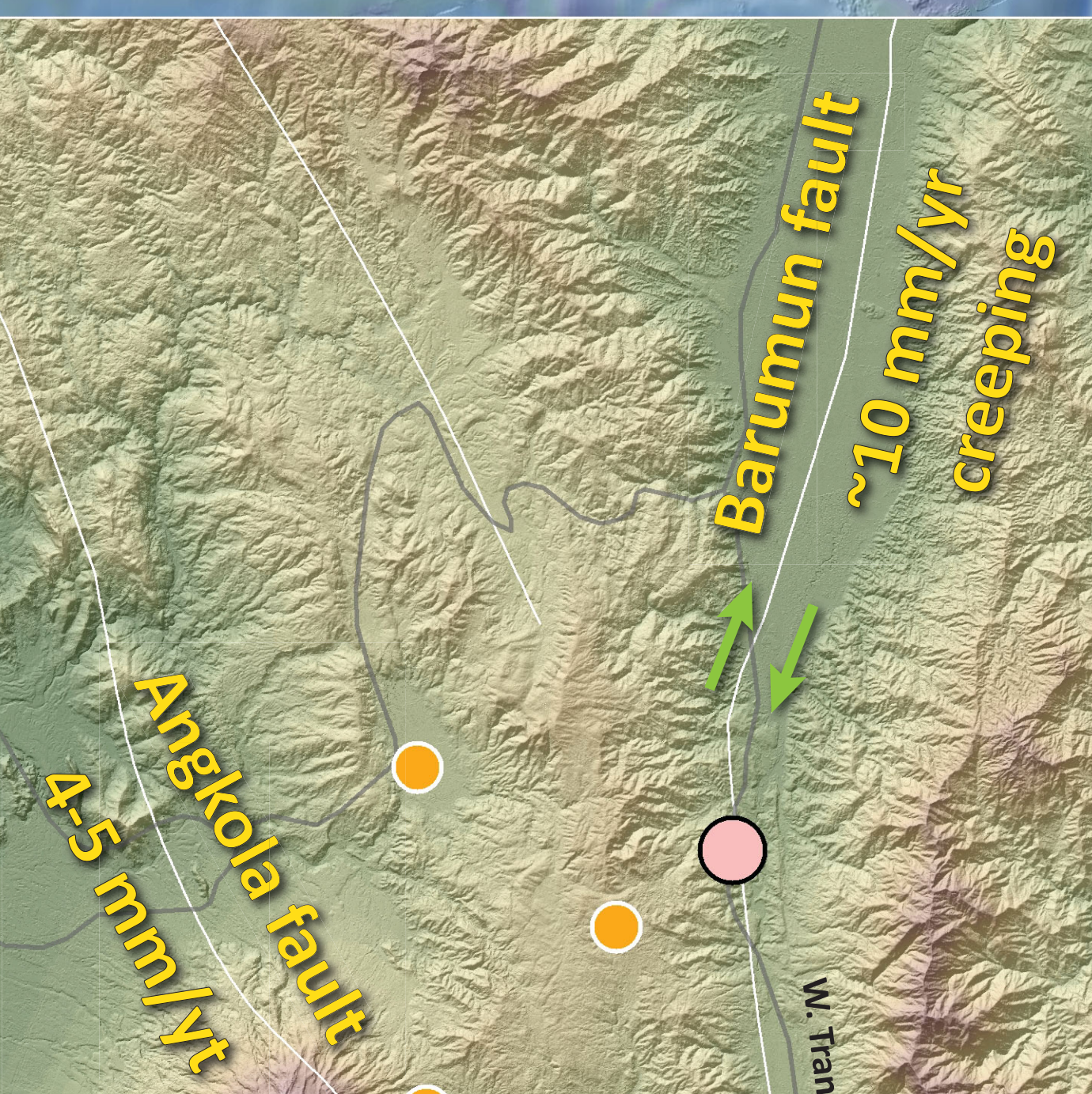
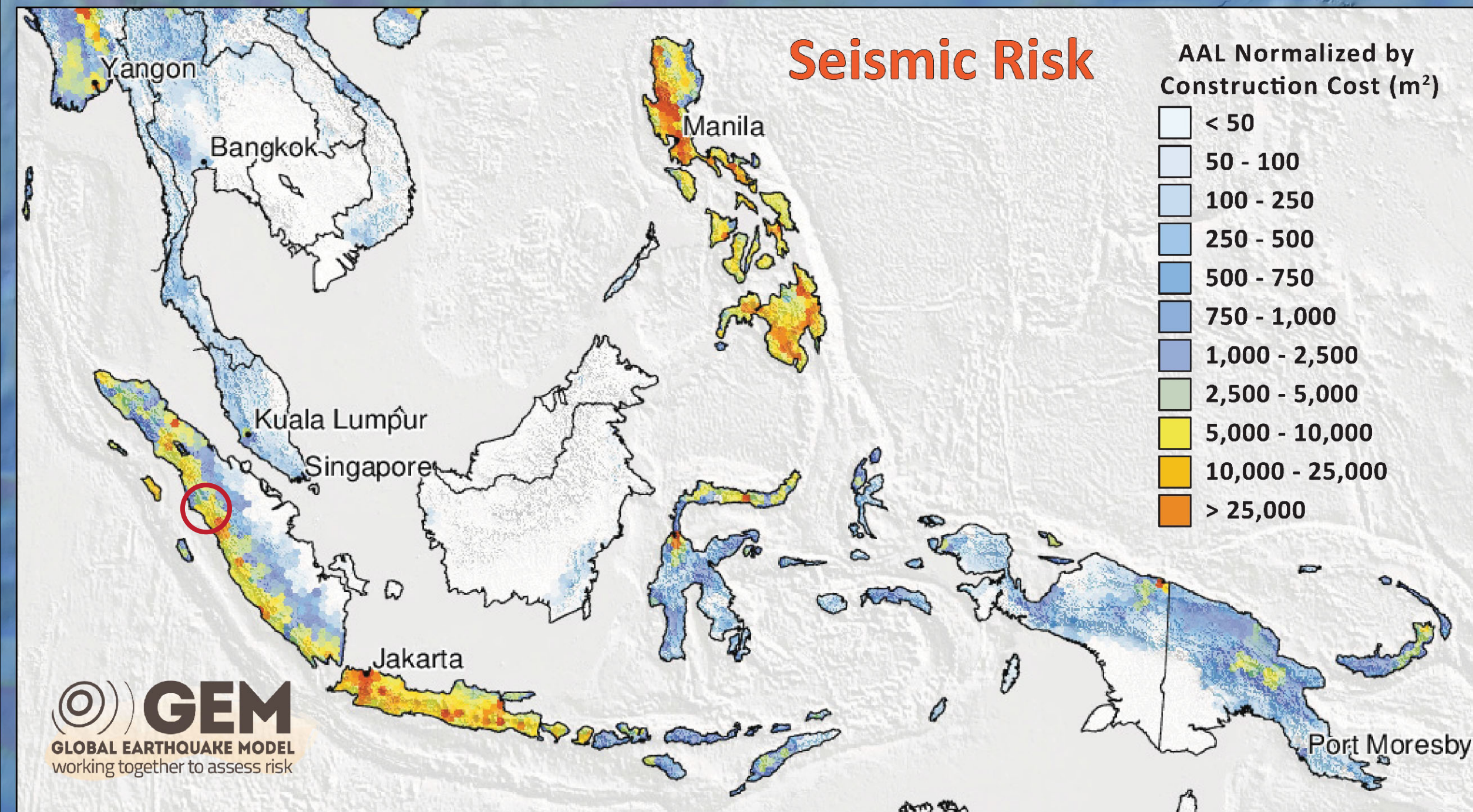
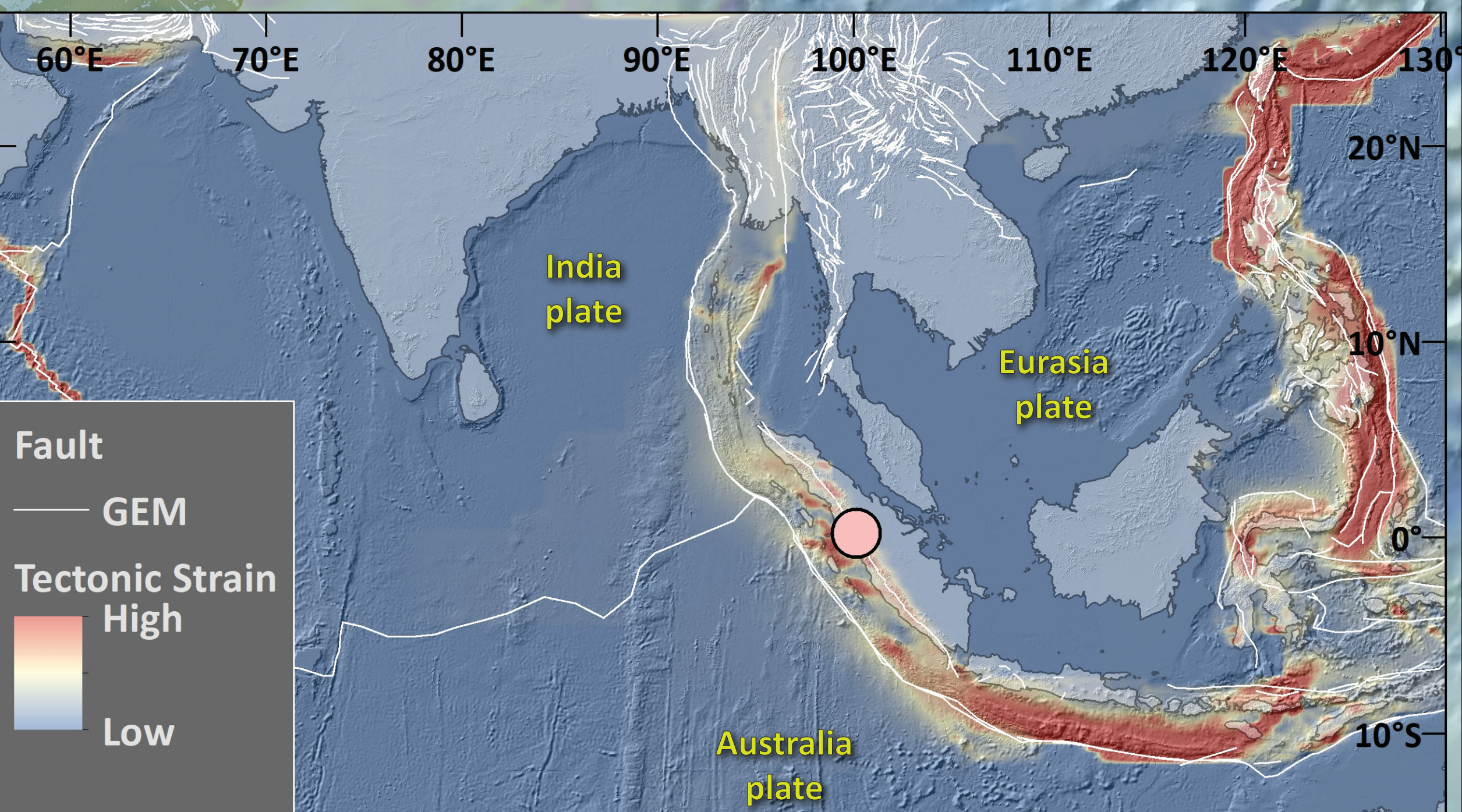
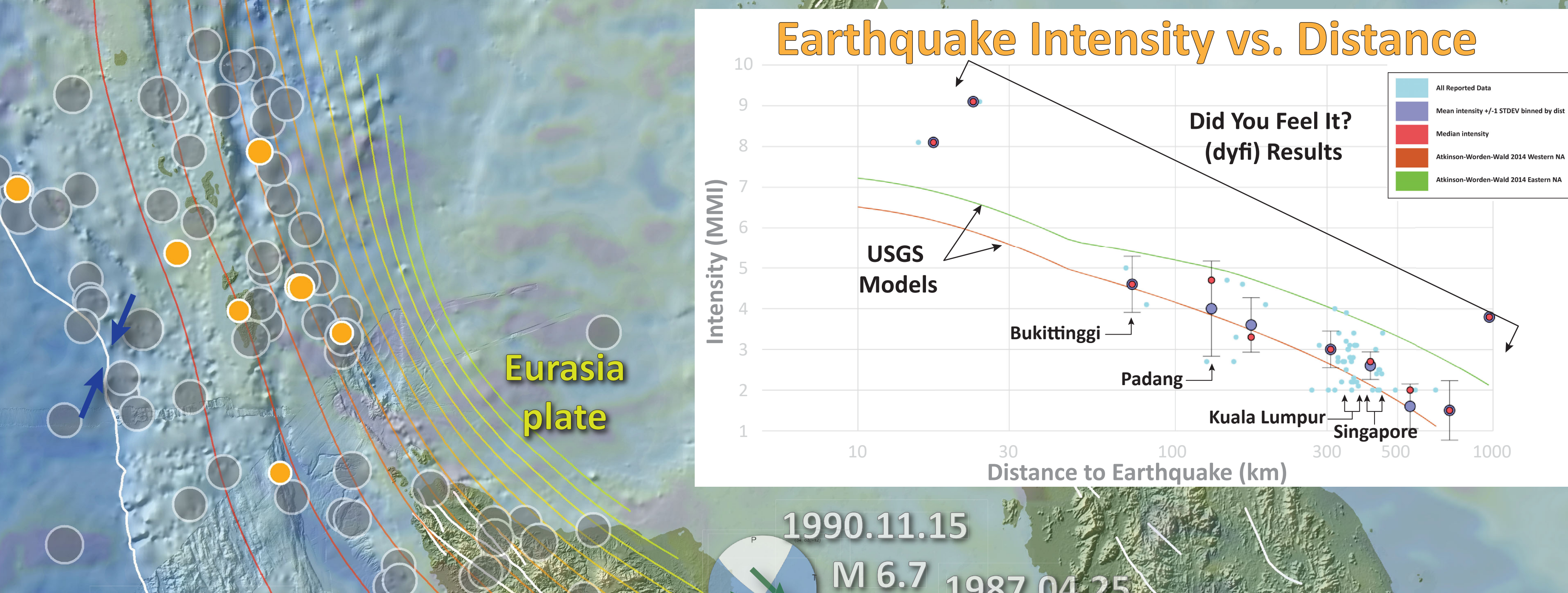
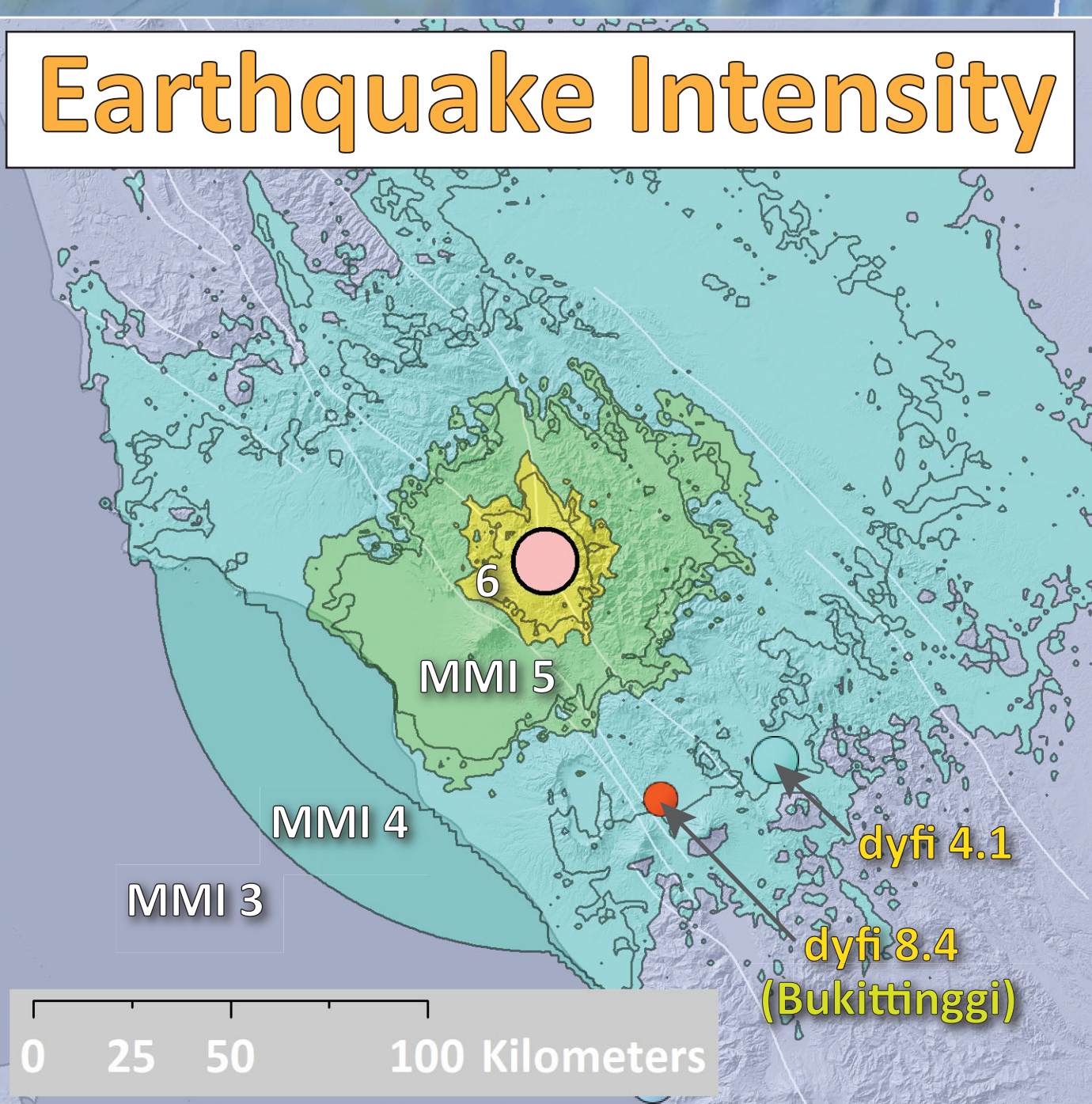
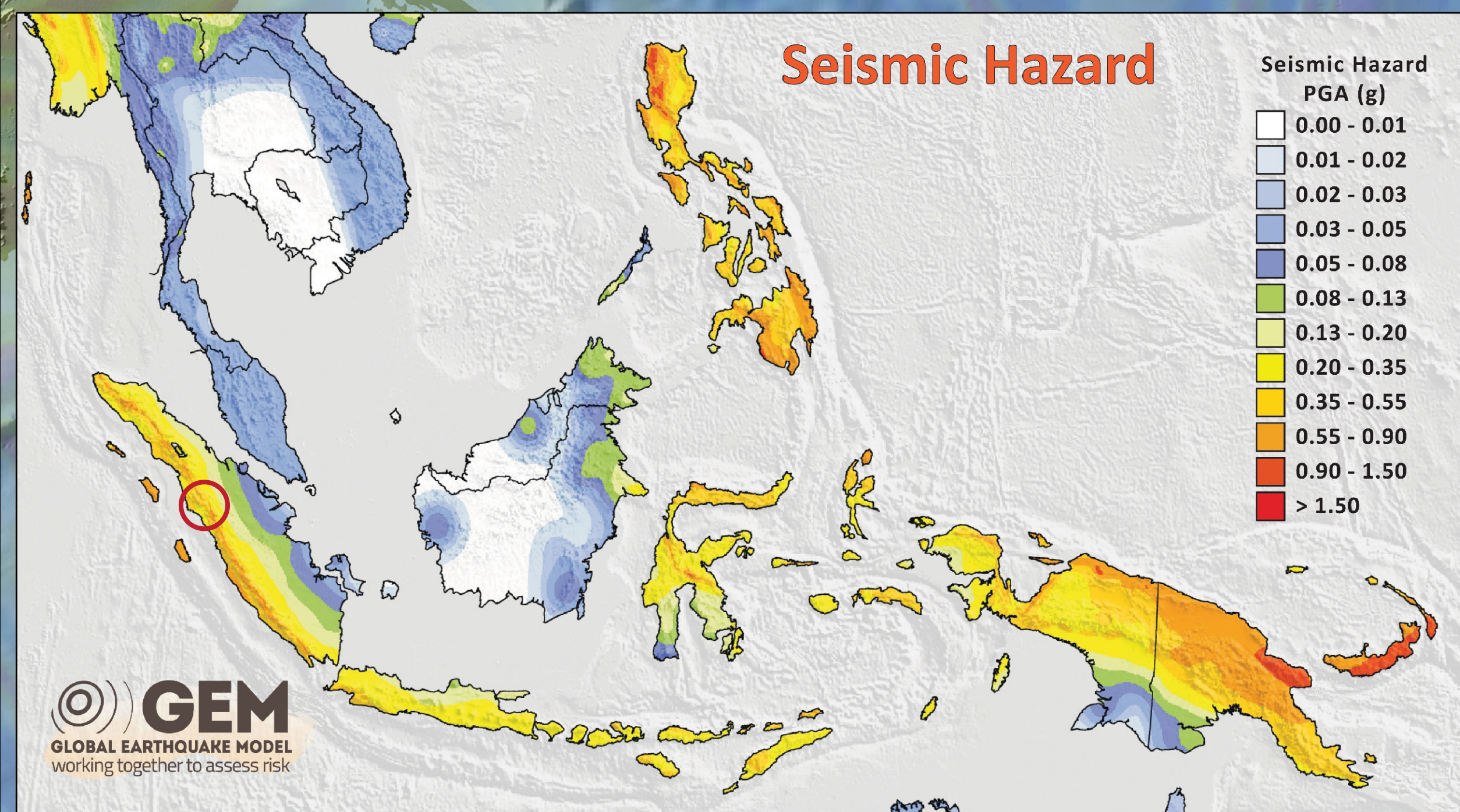


Earthquake Report: 2022.02.25

M 6.2 Sumatra, Indonesia (& USGS Seismicity 1922-2022 M ≥ 6.0)

Mechanism Types	Normal Fault			Thrust Fault		Strike-Slip Fault		SHAKING	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
								PGA (%g)	Note	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
								PGV (cm/s)	<0.05	0.3	2.76	6.2	11.5	21.5	40.1	74.7	>139
								INTENSITY	<0.02	0.13	1.41	4.65	9.64	20	41.4	85.8	>178
									1	2-3	4	5	6	7	8	9	10



25 Feb '22 M 6.2

Seismicity (USGS - 3 month) magnitude

- 4.0 - 4.5
- 4.6 - 5.0
- 5.1 - 5.5
- 5.6 - 6.0
- 6.1 - 6.5
- 6.6 - 7.0
- 7.1 - 7.3

Seismicity (USGS - 1 century) magnitude

- 6.0 - 6.5
- 6.6 - 7.0
- 7.1 - 7.5
- 7.6 - 8.0
- 8.1 - 8.5
- 8.6 - 9.1

Intensity

MMI (USGS)

- I (Not Felt)
- II - III (Weak)
- IV (Light)
- V (Moderate)
- VI (Strong)
- VII (Very Strong)
- VIII (Severe)
- IX (Violent)
- X+ (Extreme)

Fault

- CCOP
- Deformation Front

Topobathy: doi: 10.1029/2008GC002332. Topography: DEMNAS Road: DIVA

Total Intensity Anomaly (nT)

Depth to Slab (km)

Depth: Shallow, Deep

Elevation: High, Low

0 112.5 225 450 Kilometers

0 75 150 300 Miles

0 10 20 Kilometers

Sliprates (Natiwadjaja, 2018)

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