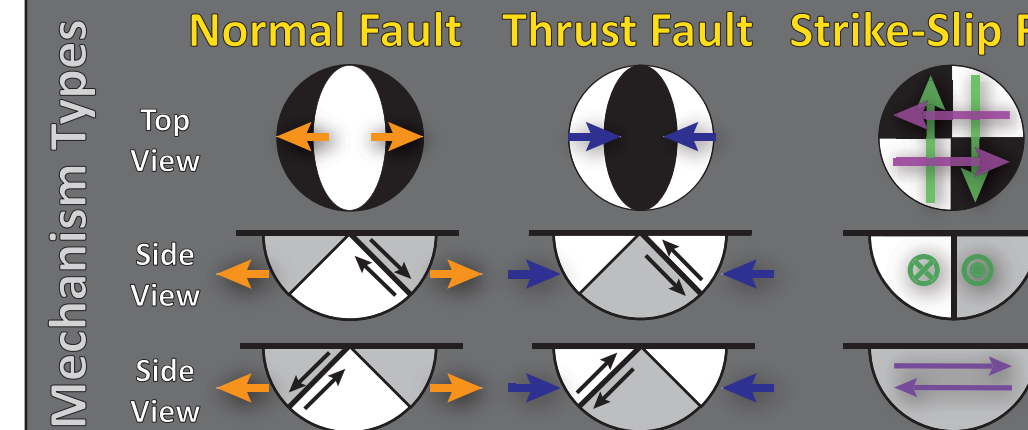
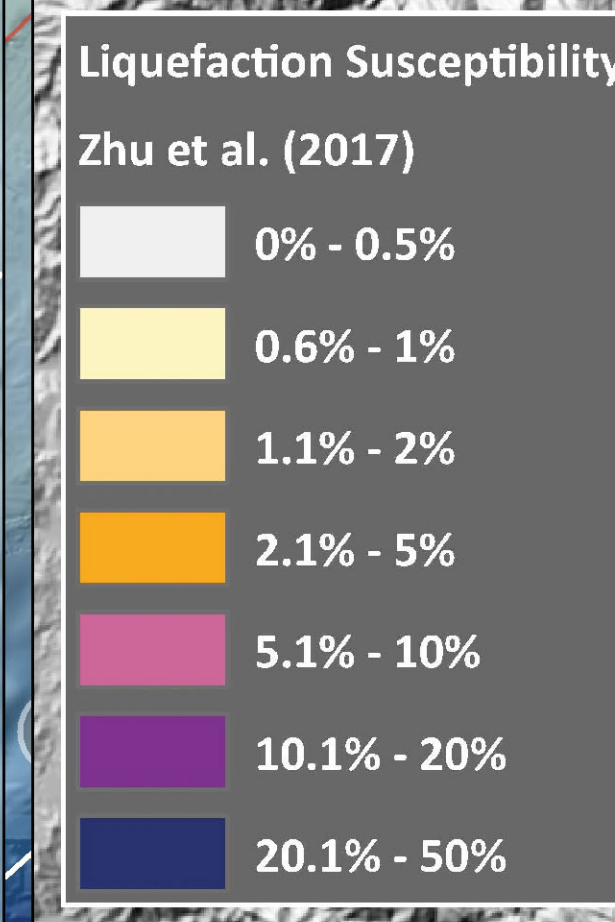
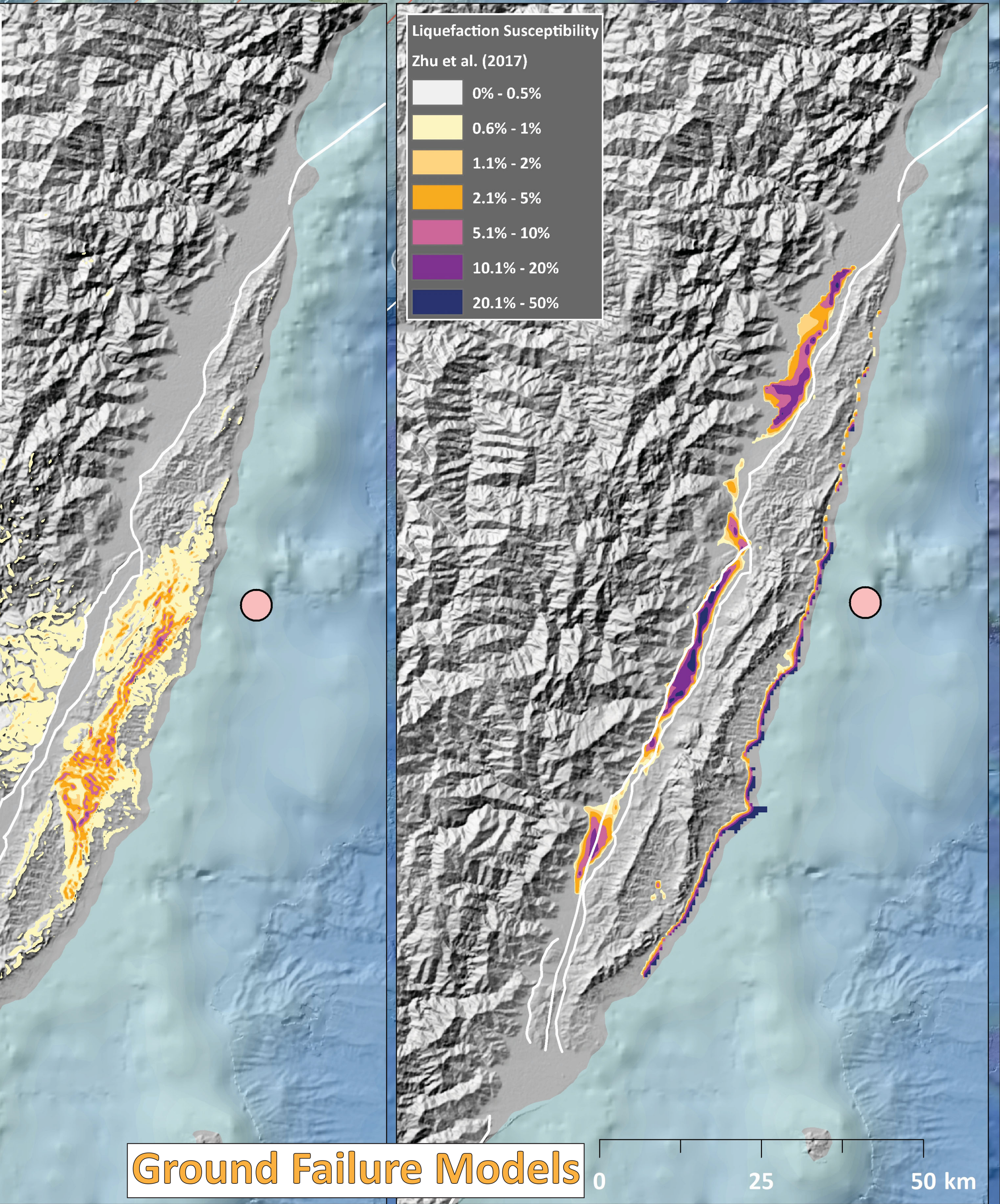
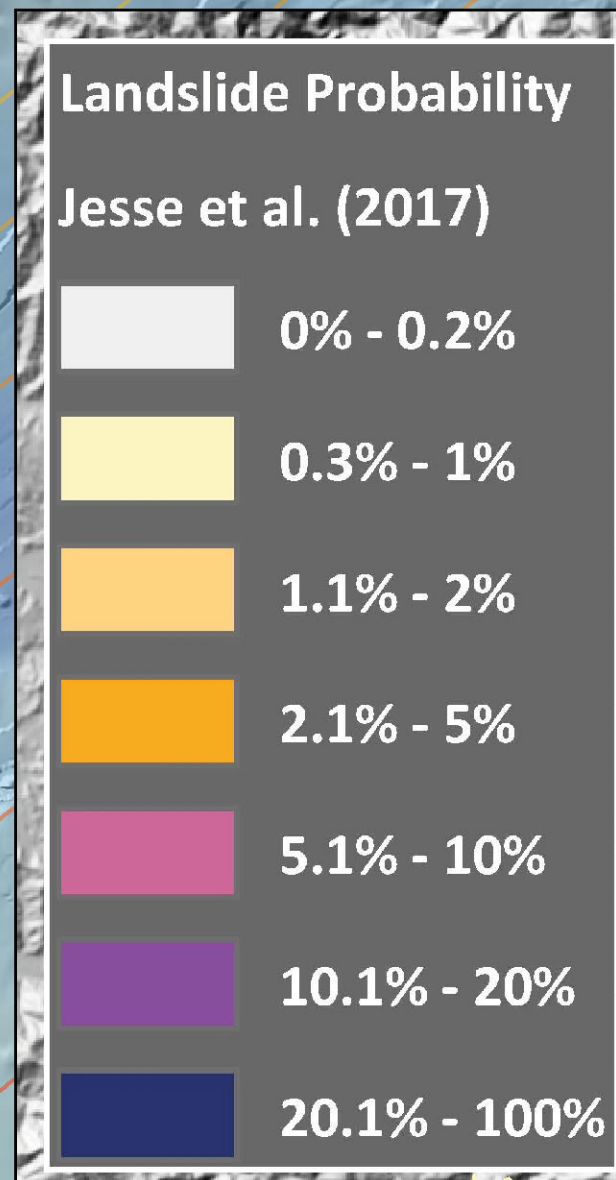
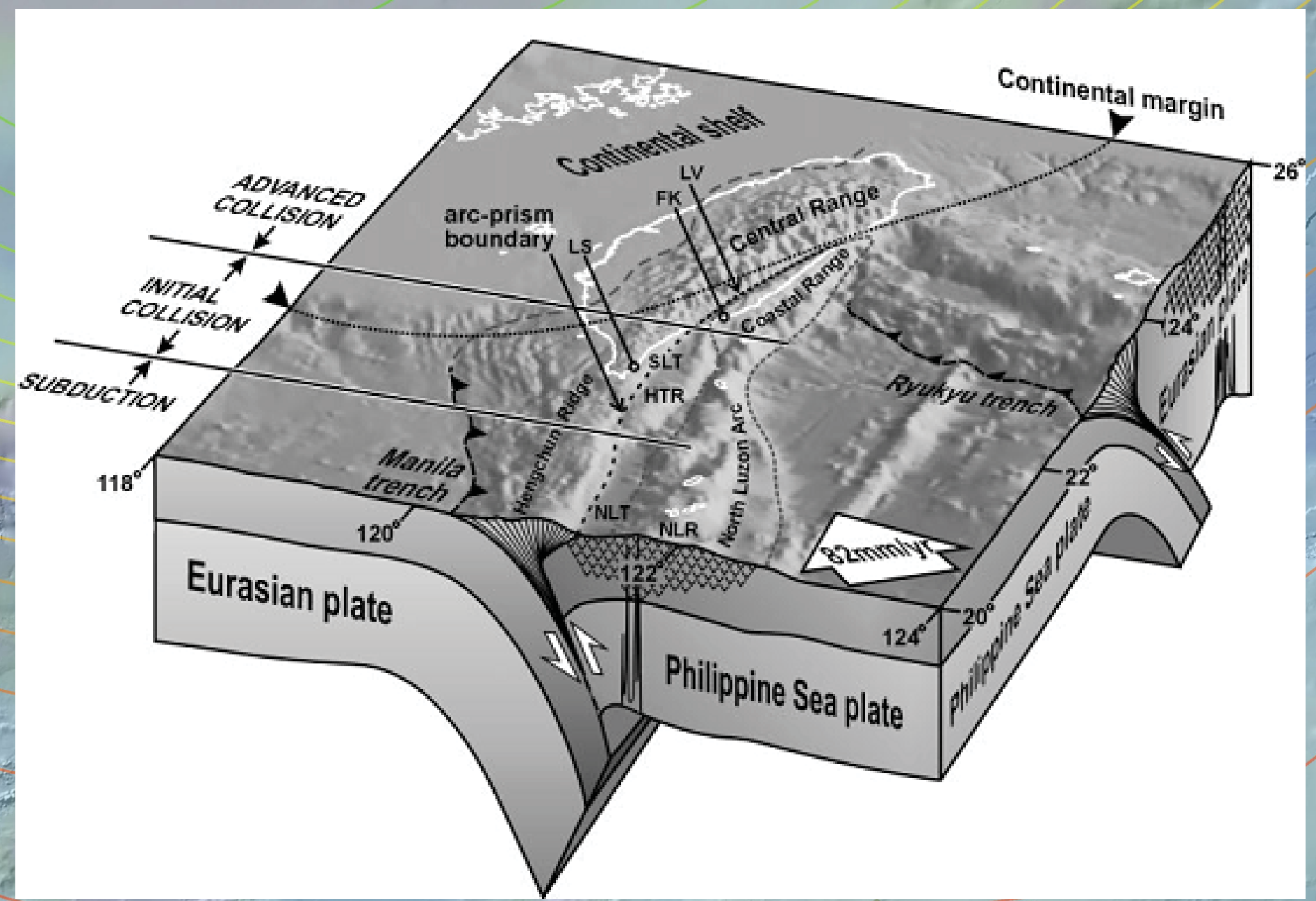
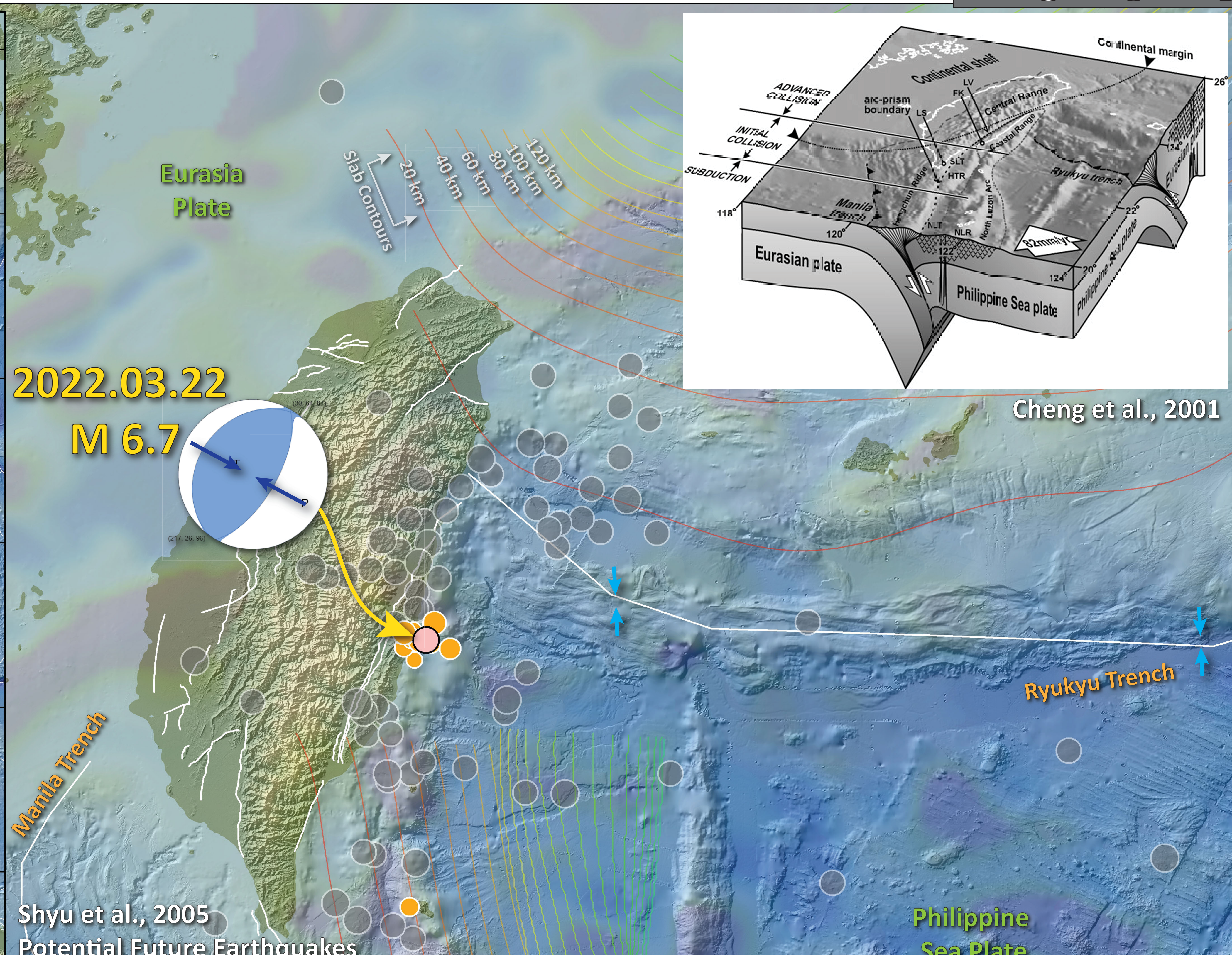
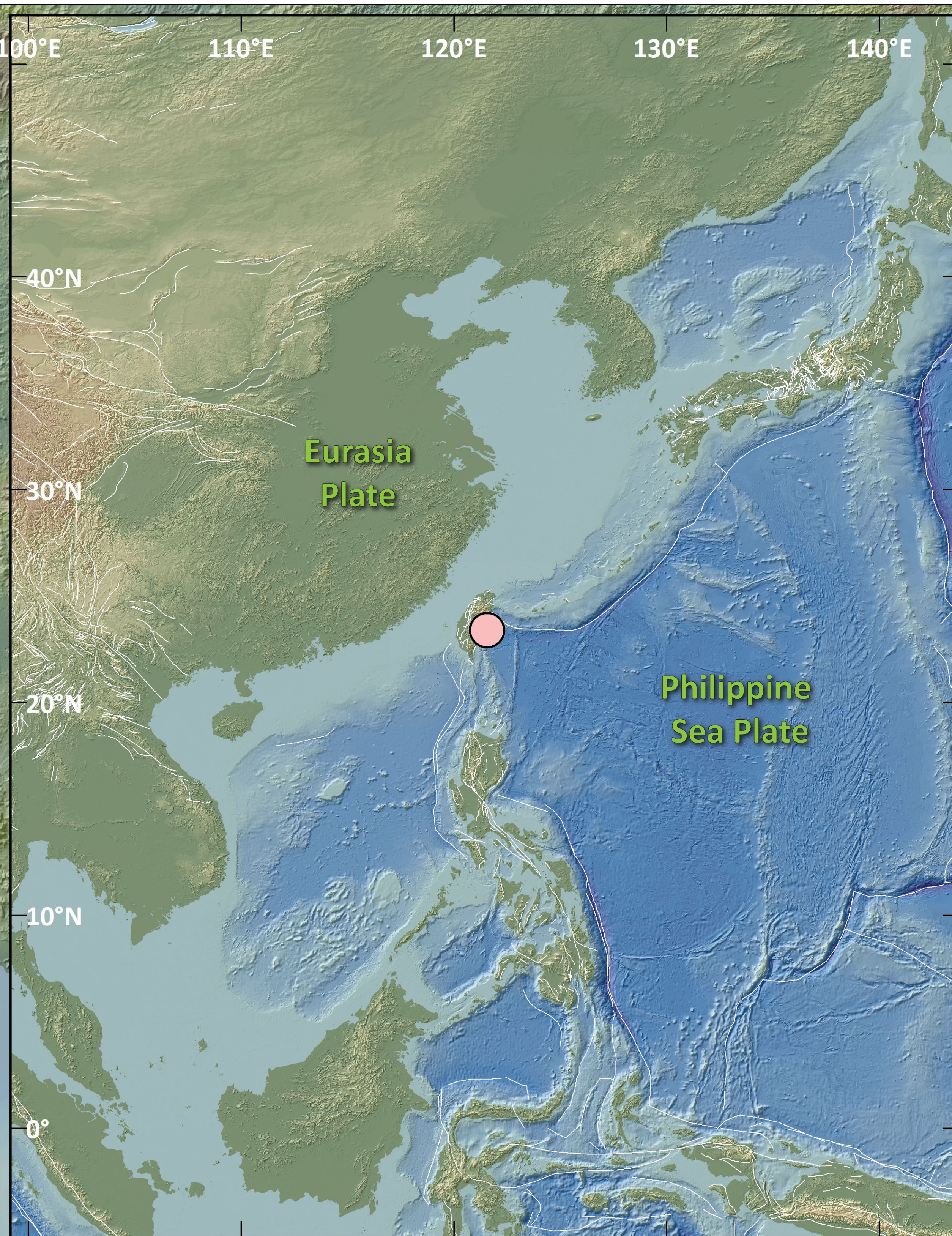


Earthquake Report: 2022.03.22

M 6.7 offshore of Taiwan (& USGS Seismicity 1922-2022 M ≥ 6.5)



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



22 Mar '22 M 6.7 Seismicity (USGS - 1 century)

Seismicity (USGS - 2 day) magnitude

magnitude

- 4.2 - 4.5
- 4.6 - 5.0
- 5.1 - 5.5
- 5.6 - 6.0
- 6.1 - 6.7

Fault

— GEM

Topography: Ryan et al., 2009
doi:10.1029/2008GC002332.

Total Intensity Anomaly (nT)

Depth to Slab (km)

0 50 100 Miles

0 125 250 Kilometers

GEM
GLOBAL EARTHQUAKE MODEL
working together to assess risk

Jason R. Patton
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