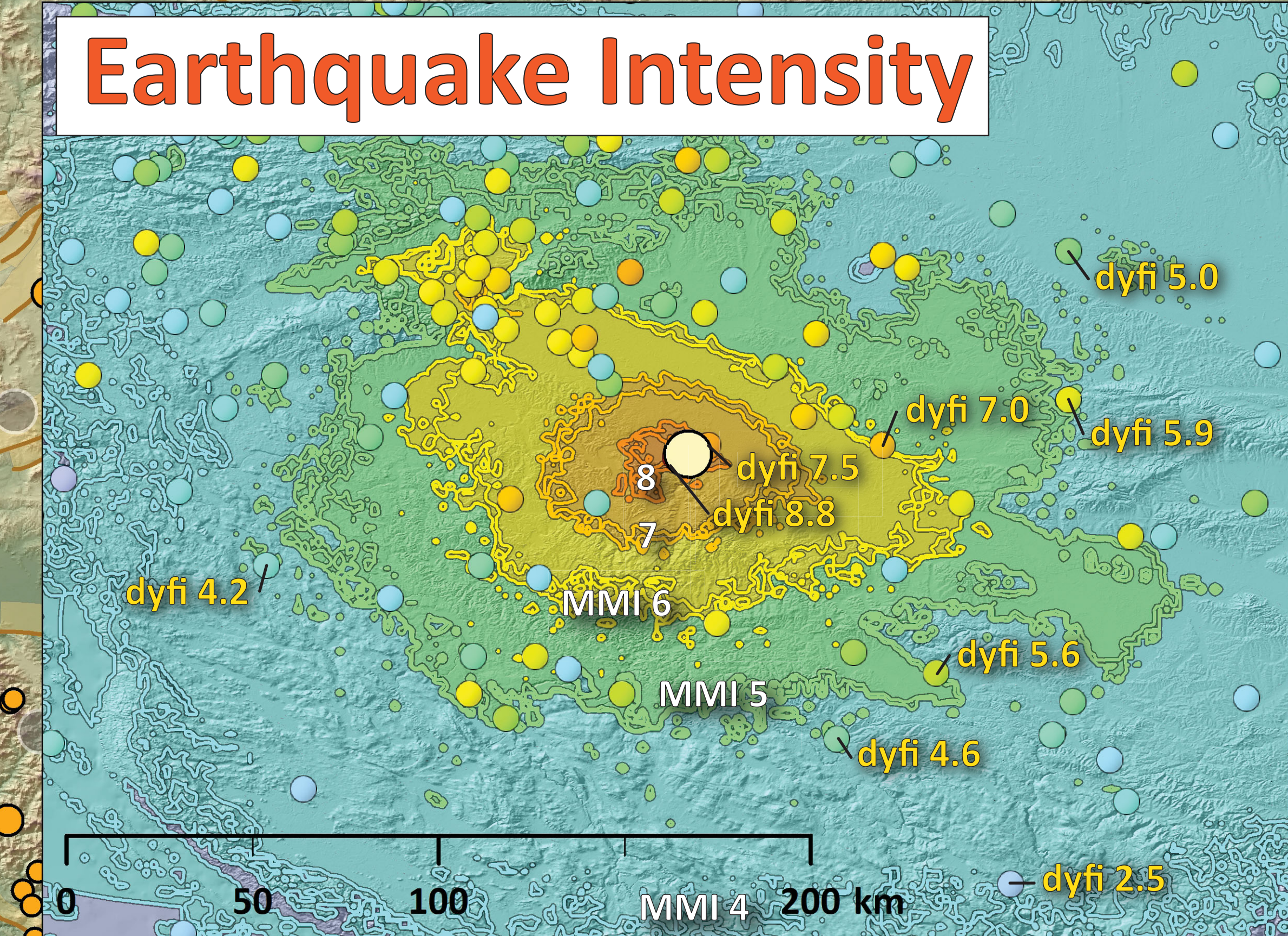
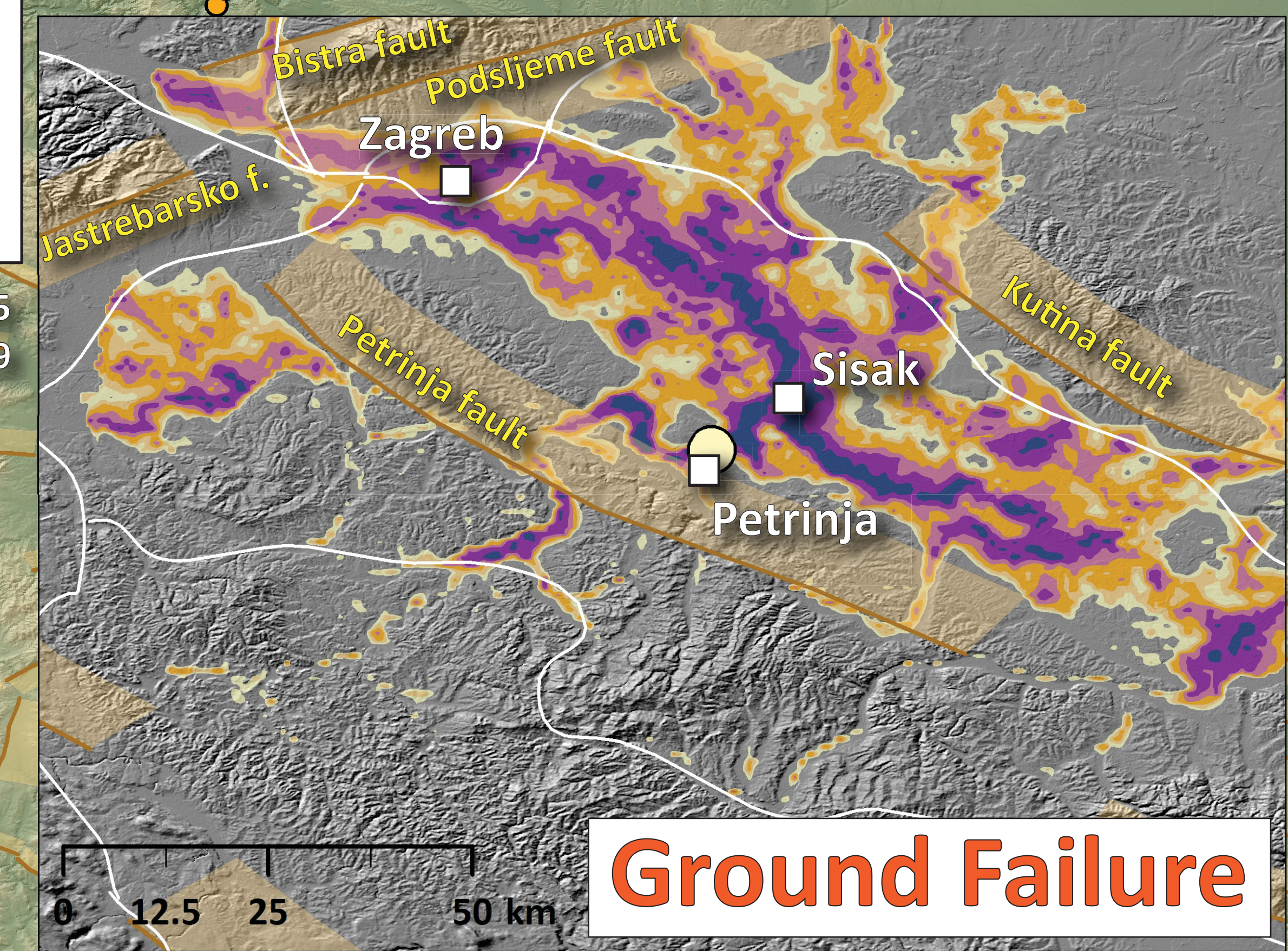
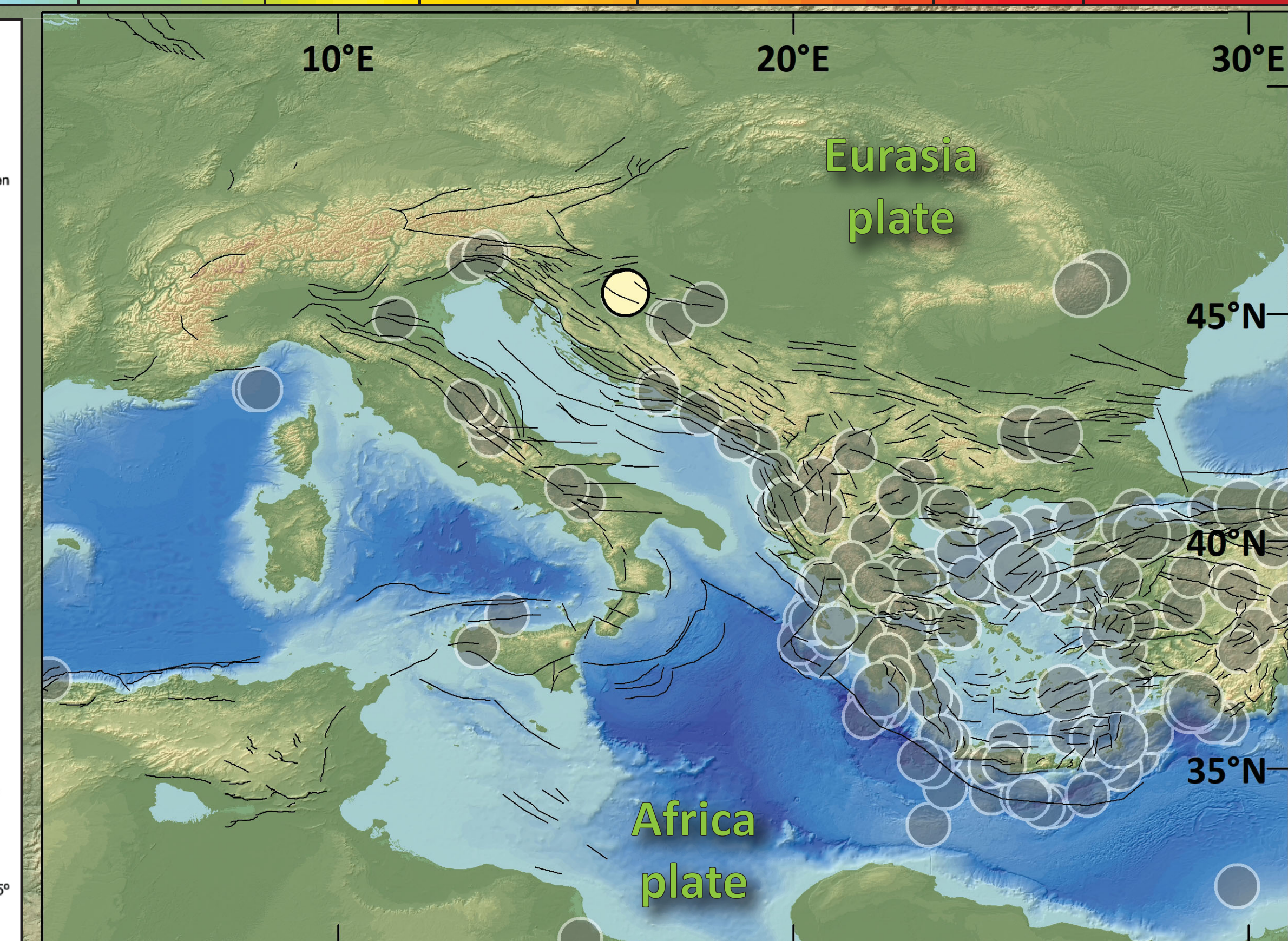
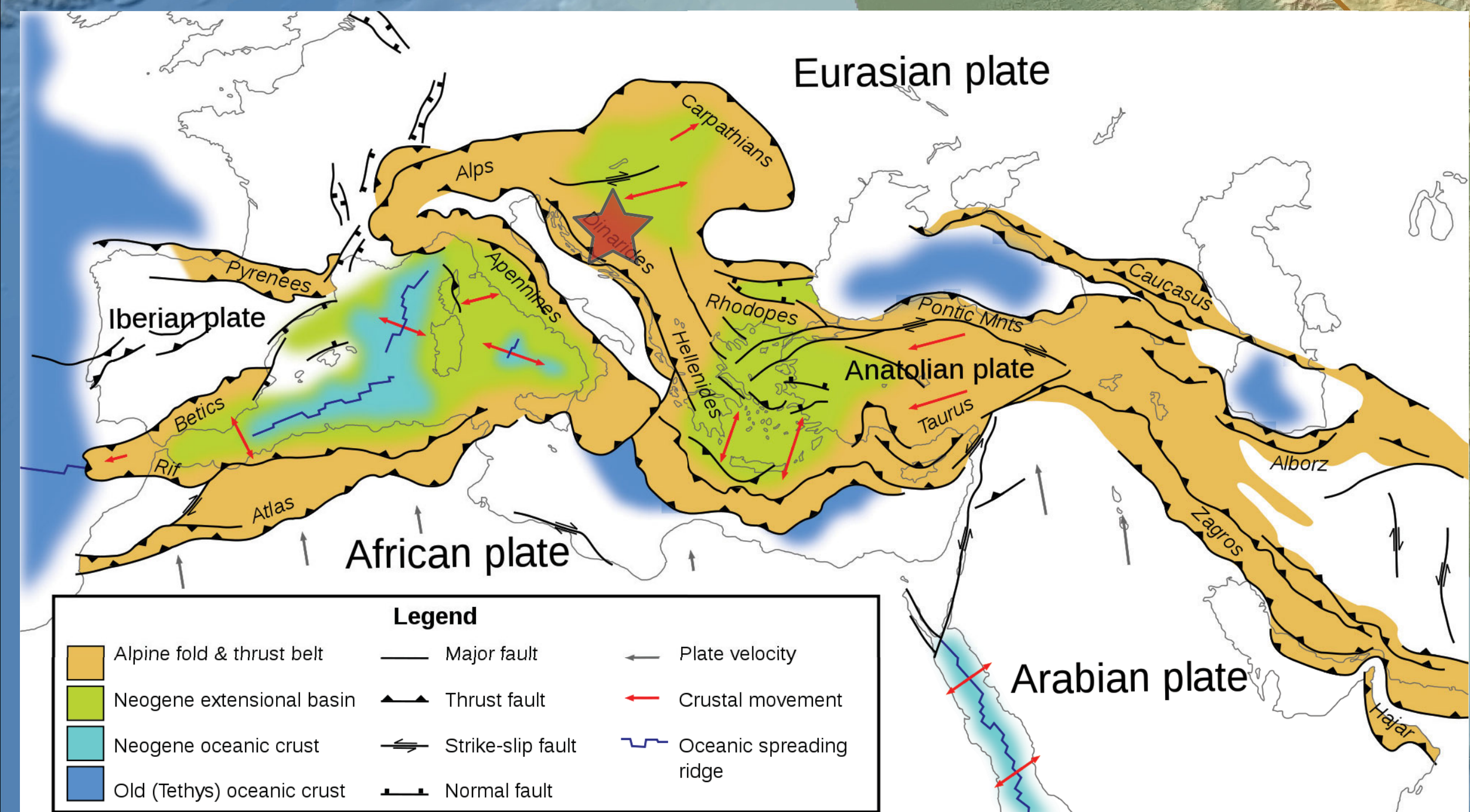
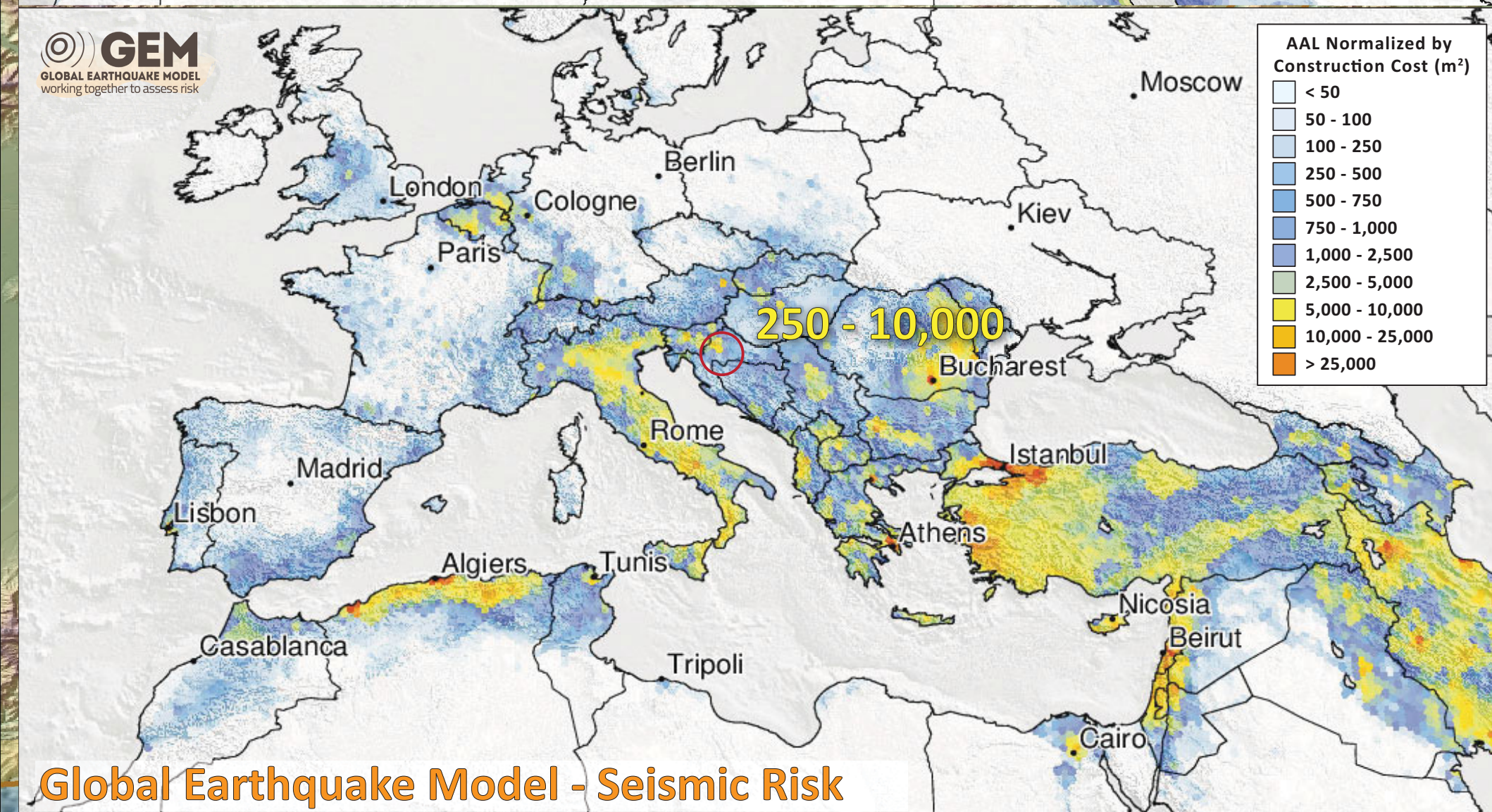
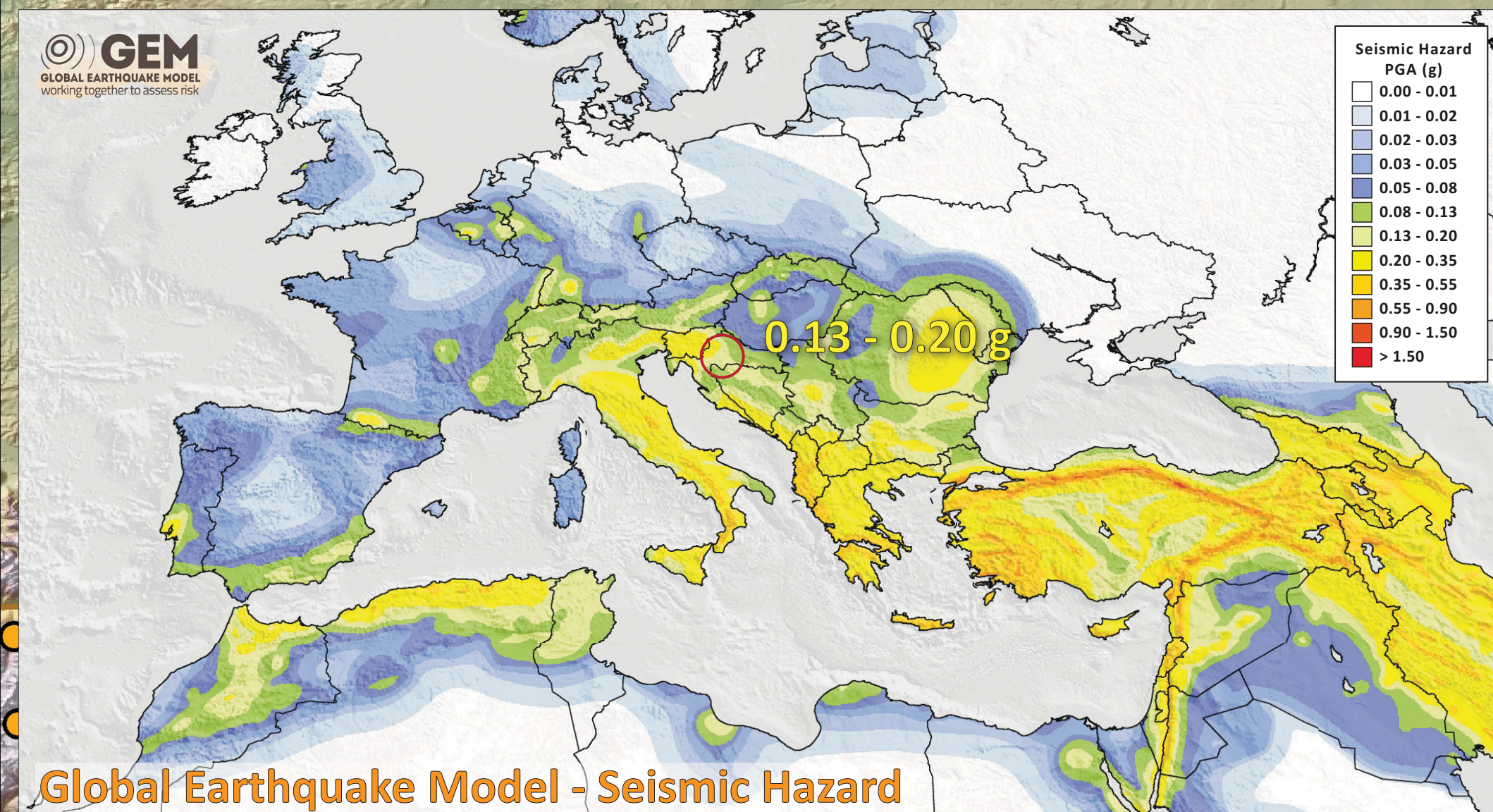


Earthquake Report: 2020.12.29

M 6.4 Croatia (& USGS Seismicity 1920-2020 M ≥ 6)

	SHAKING	Not felt	Weak	Light	Moderate	Very strong	Severe	Violent	Extreme
DAMAGE	None	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+



Seismicity (12 month - EMSC) magnitude

- 3 - 4
- 5
- 6
- 7

Seismicity (1 century - USGS) magnitude

- 6.0 - 7.0
- 7.1 - 7.8

Liquefaction Susceptibility (Zhu et al. (2017))

- 0% - 0.5%
- 0.6% - 1%
- 1.1% - 2%
- 2.1% - 5%
- 5.1% - 10%
- 10.1% - 20%
- 20.1% - 50%

Fault (EDSF) / Fault (EDSF V5)

Elevation: GMRT Ryan et al., 2009
DOI: 10.1029/2008GC002332
EU-DEM v1.1

Faults: European Database of Seismogenic Faults (EDSF)
Basili et al., 2013
DOI: 10.6092/INGV.IT-SHARE-EDSF

Scale: 0, 25, 50, 100 Miles / 0, 50, 100, 200 Kilometers

CSEM EMSC

EFER

EPOS
EUROPEAN PLATE OBSERVING SYSTEM

SERA
Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe

Jason R. Patton
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