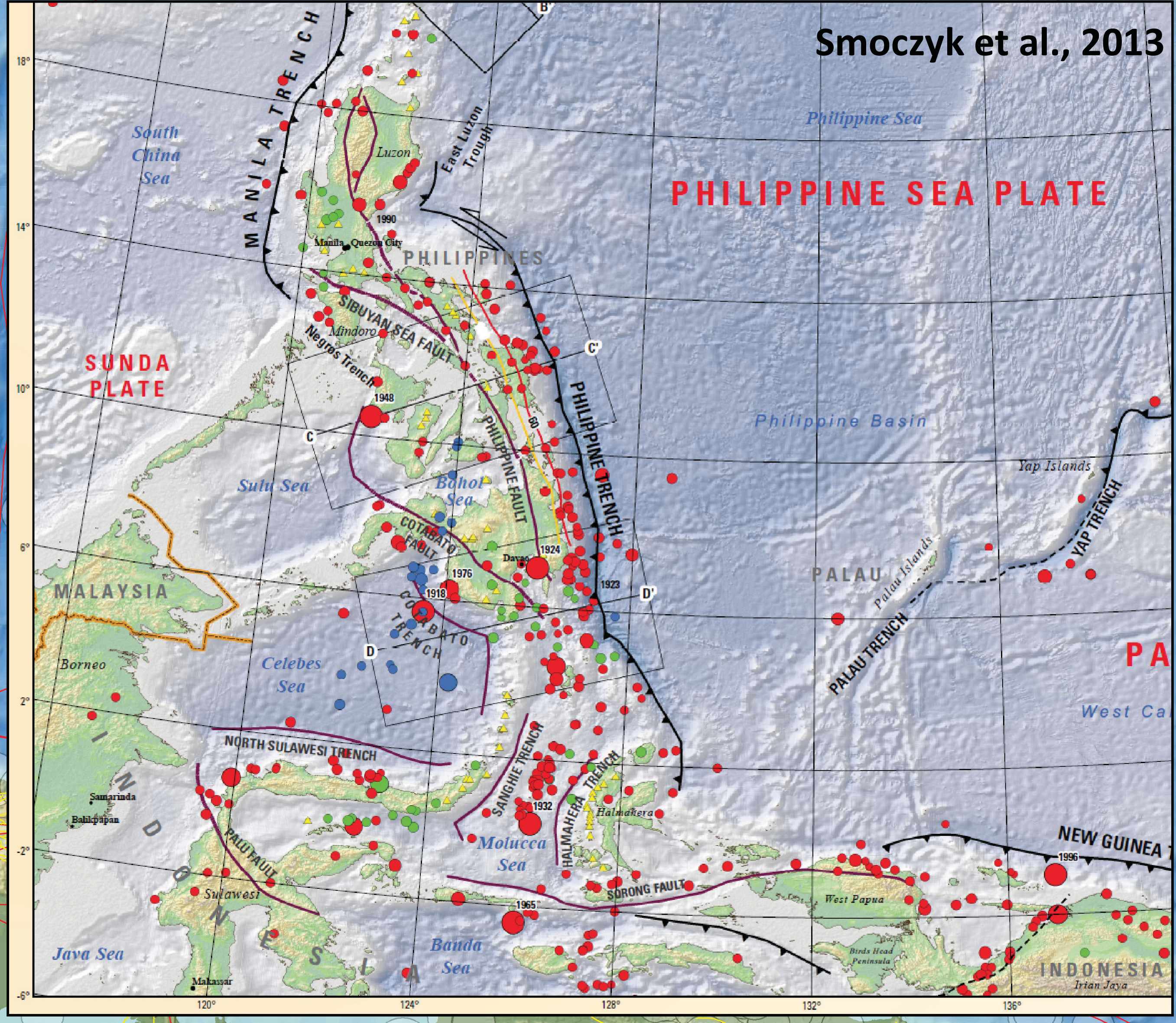
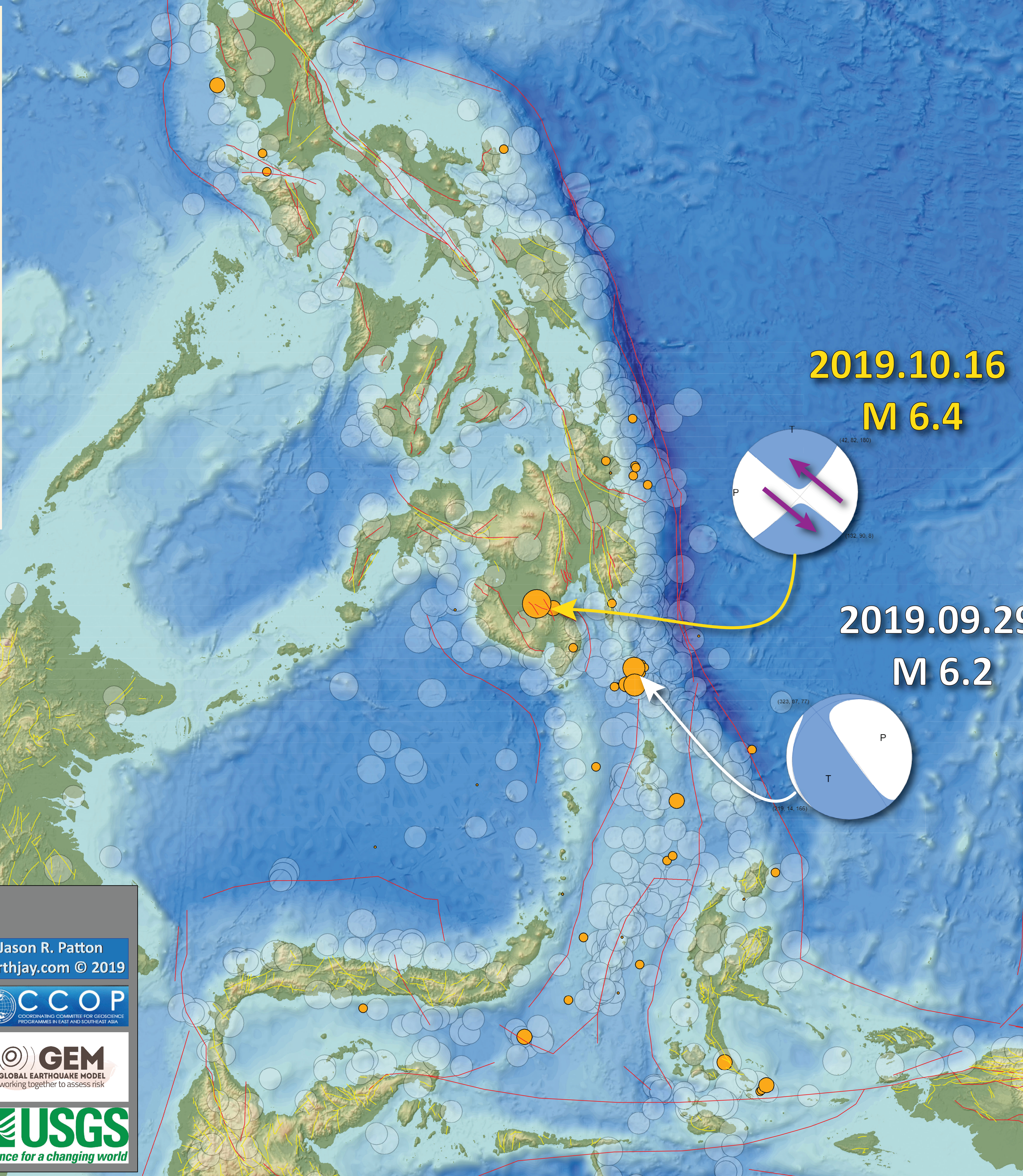
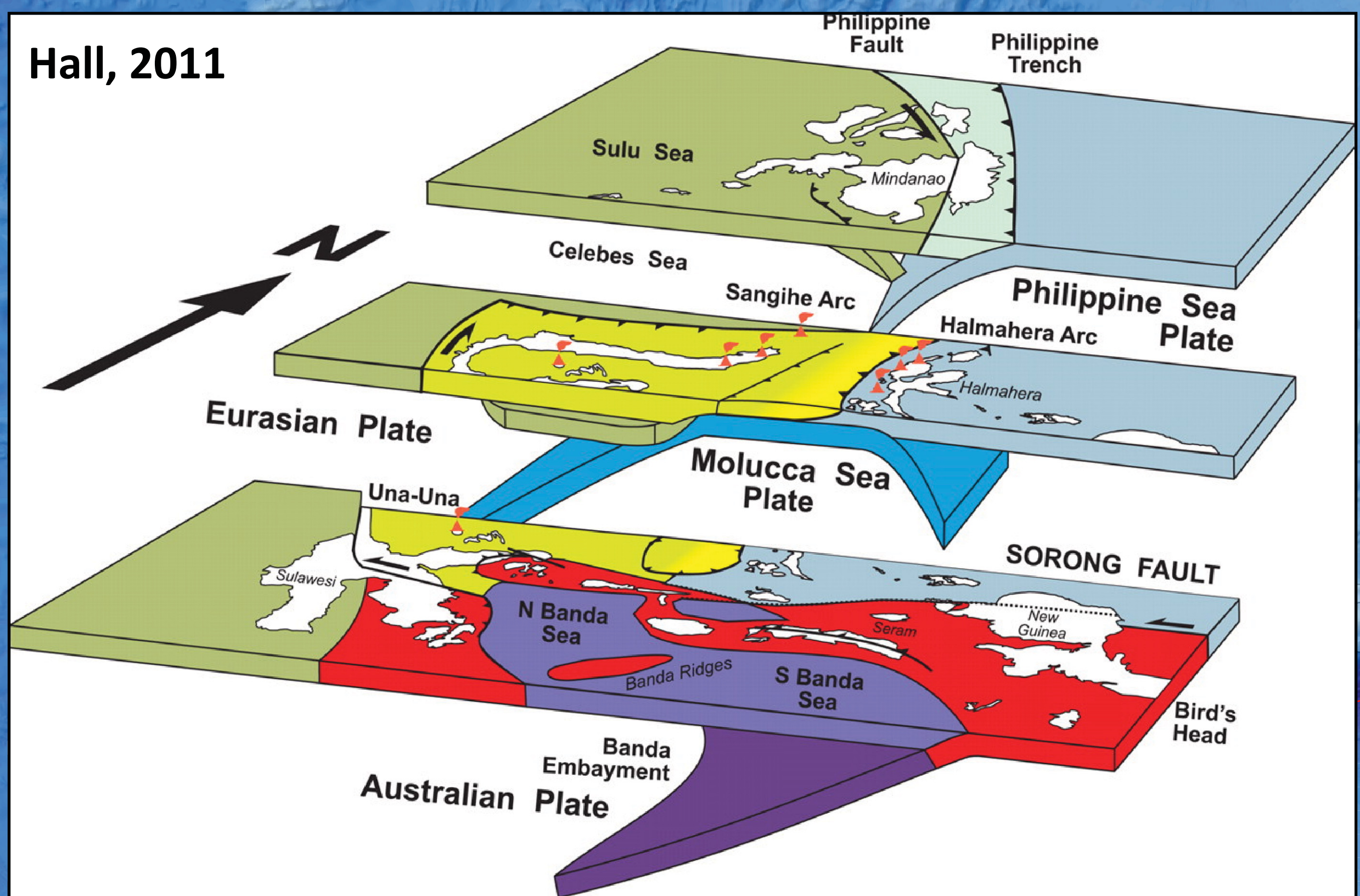
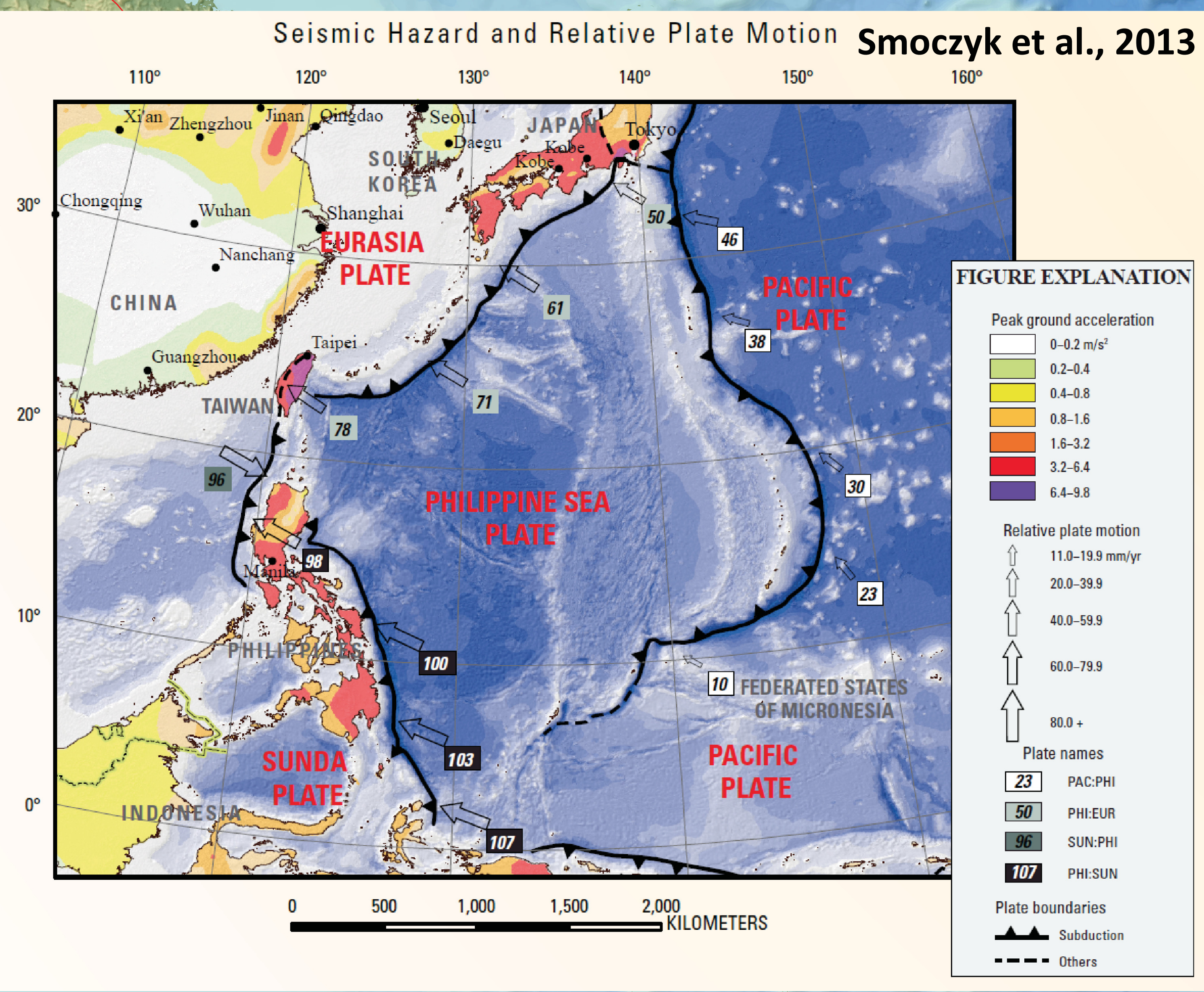
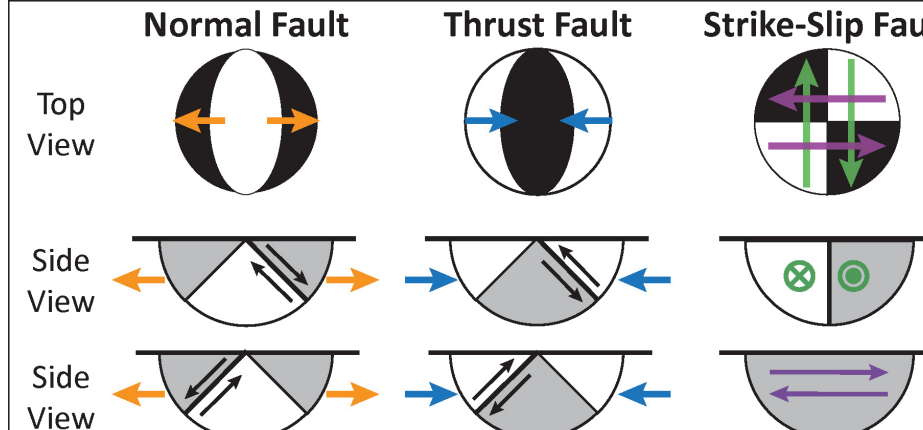


Earthquake Report: 2019.16.16

M 6.4 Philippines (& USGS Seismicity 1919-2019 M ≥ 6.0)



Fault

- Crustal (CCOP)
- (GEM)

Seismicity (USGS, 30 Day)

- 4.0 - 4.4
- 4.5 - 4.8
- 4.9 - 5.3
- 5.4 - 6.3
- 6.4 - 7.3

Magnitude

- 4.0 - 4.4
- 4.5 - 4.8
- 4.9 - 5.3
- 5.4 - 6.3
- 6.4 - 7.3

Seismicity (USGS, 100 yr)

- Magnitude M > 6
- 4.0 - 4.4
- 4.5 - 4.8
- 4.9 - 5.3
- 5.4 - 6.3
- 6.4 - 7.3

Topography:

GMRT Ryan et al., 2009

DOI: 10.1029/2008GC002332

0 37.5 75 150 Miles

0 75 150 300 Kilometers

Jason R. Patton

earthjay.com © 2019

CCOP

COORDINATING COMMITTEE FOR GEOSCIENCE PROGRAMS IN EAST AND SOUTHEAST ASIA

GEM

GLOBAL EARTHQUAKE MODEL

working together to assess risk

USGS

science for a changing world