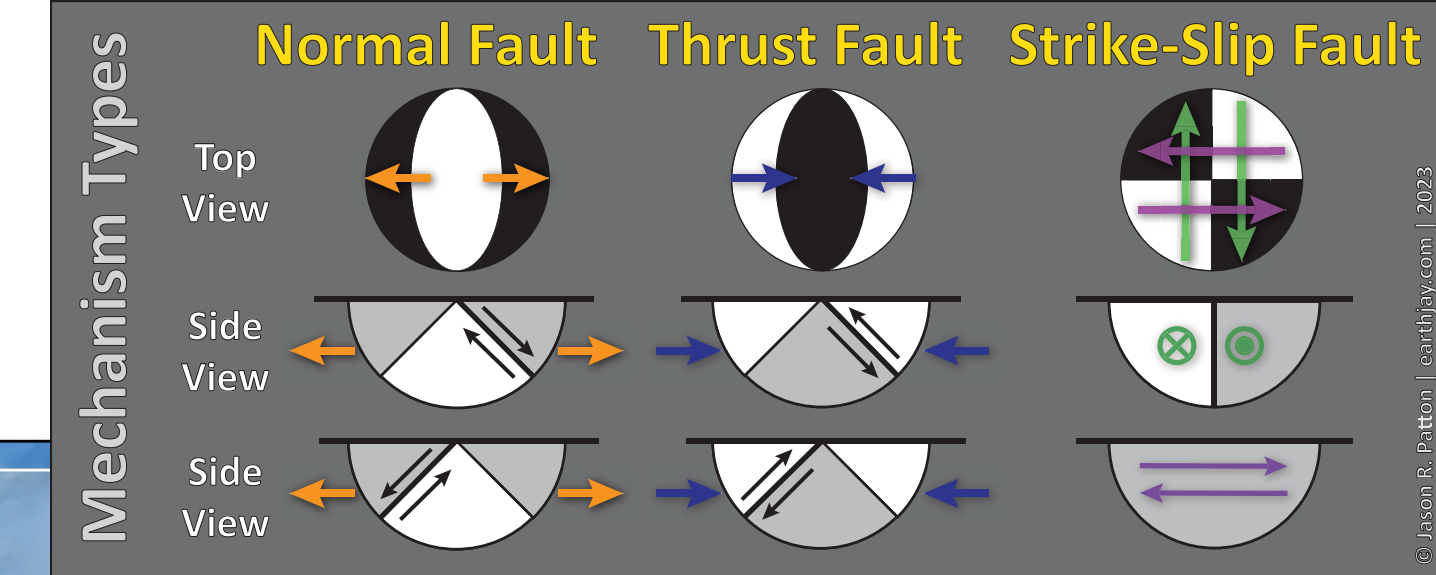
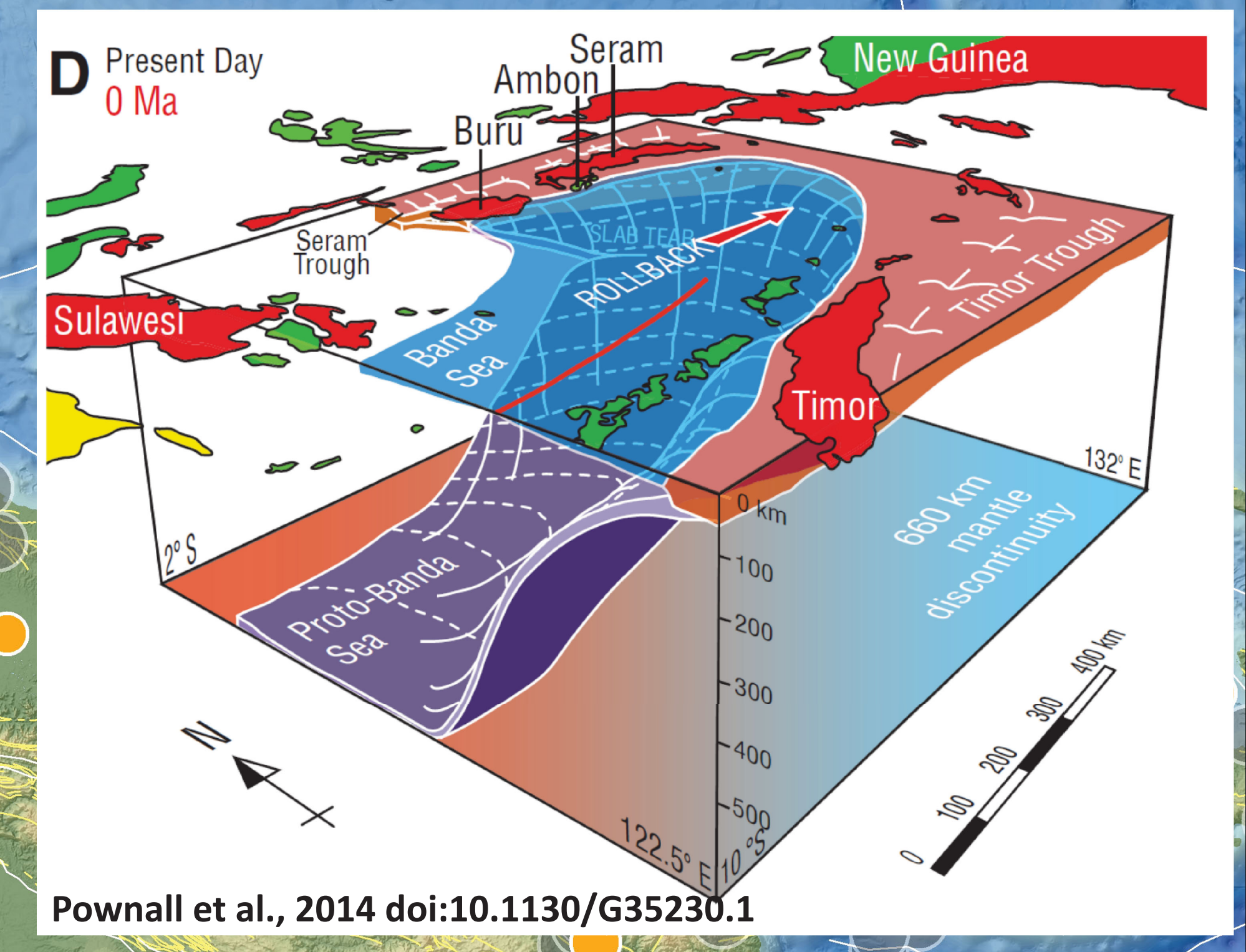
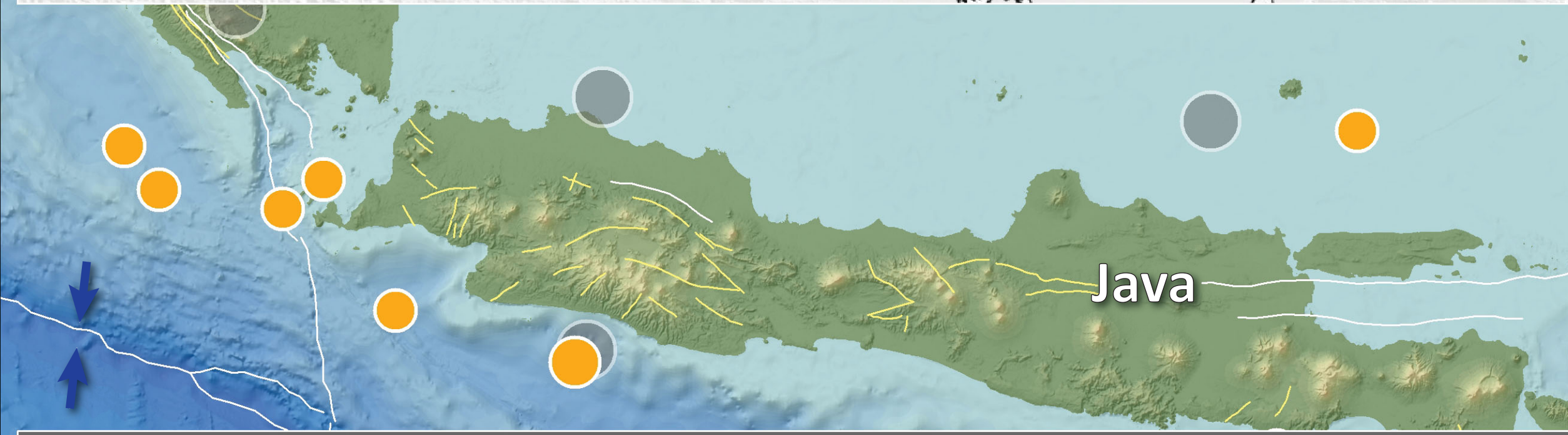
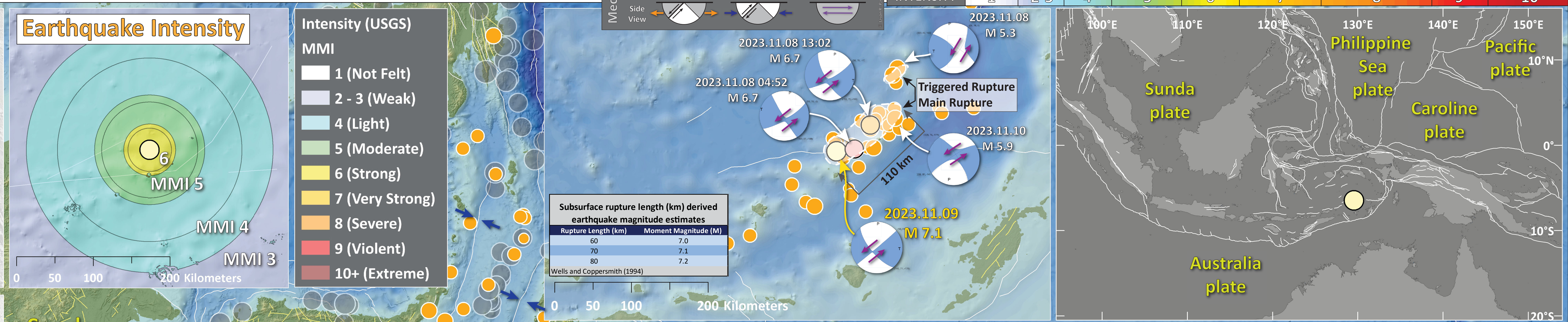
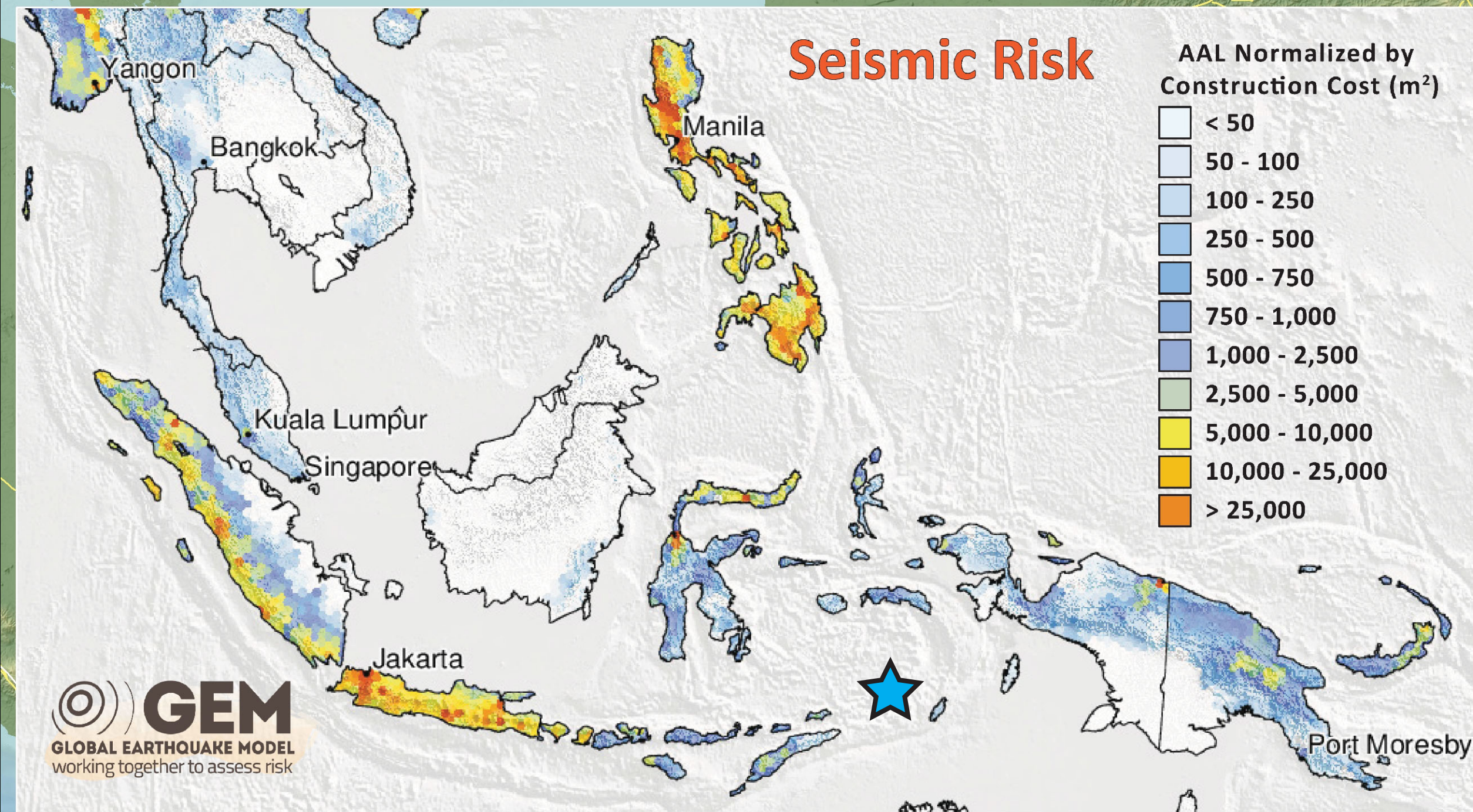
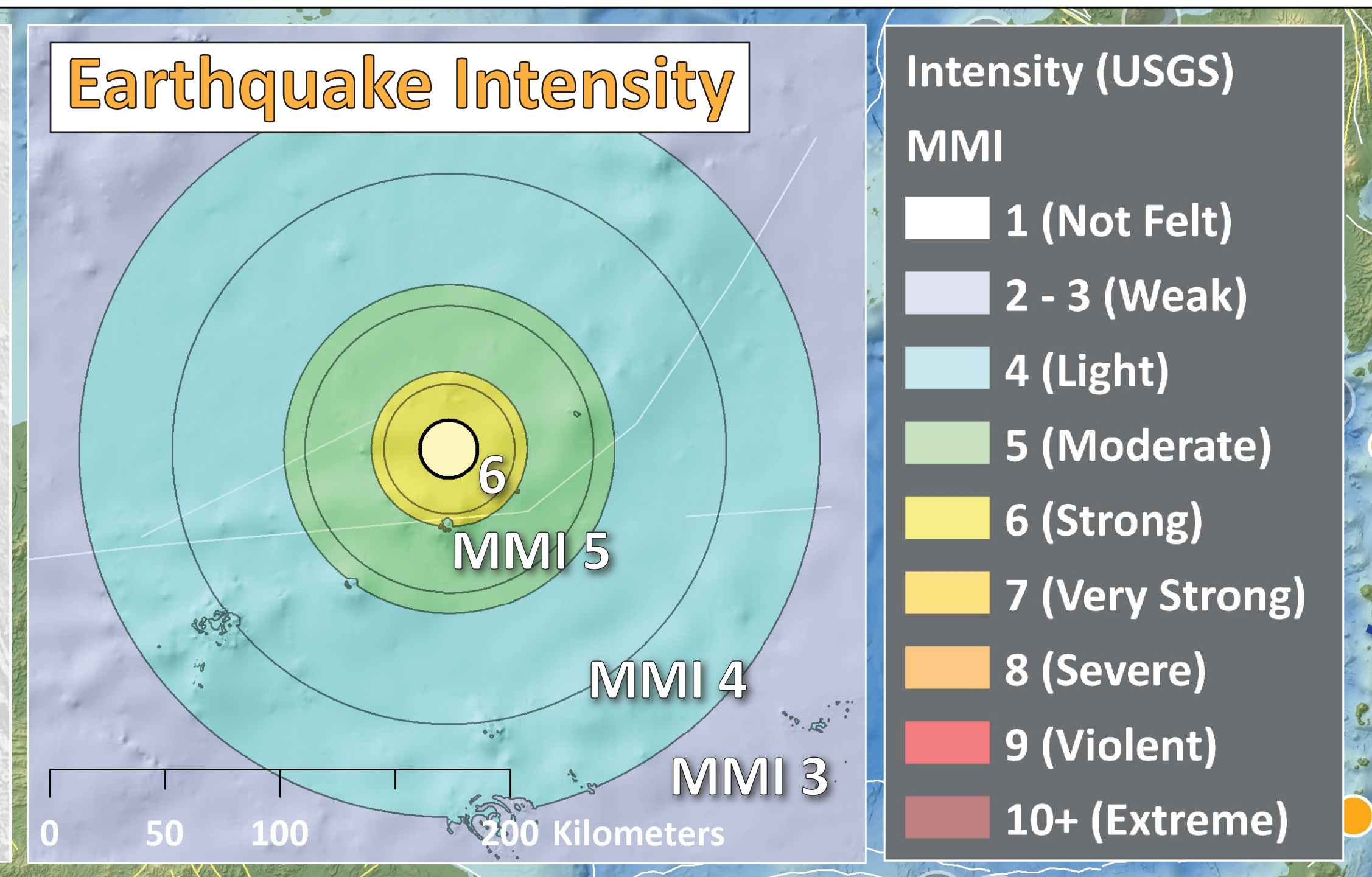
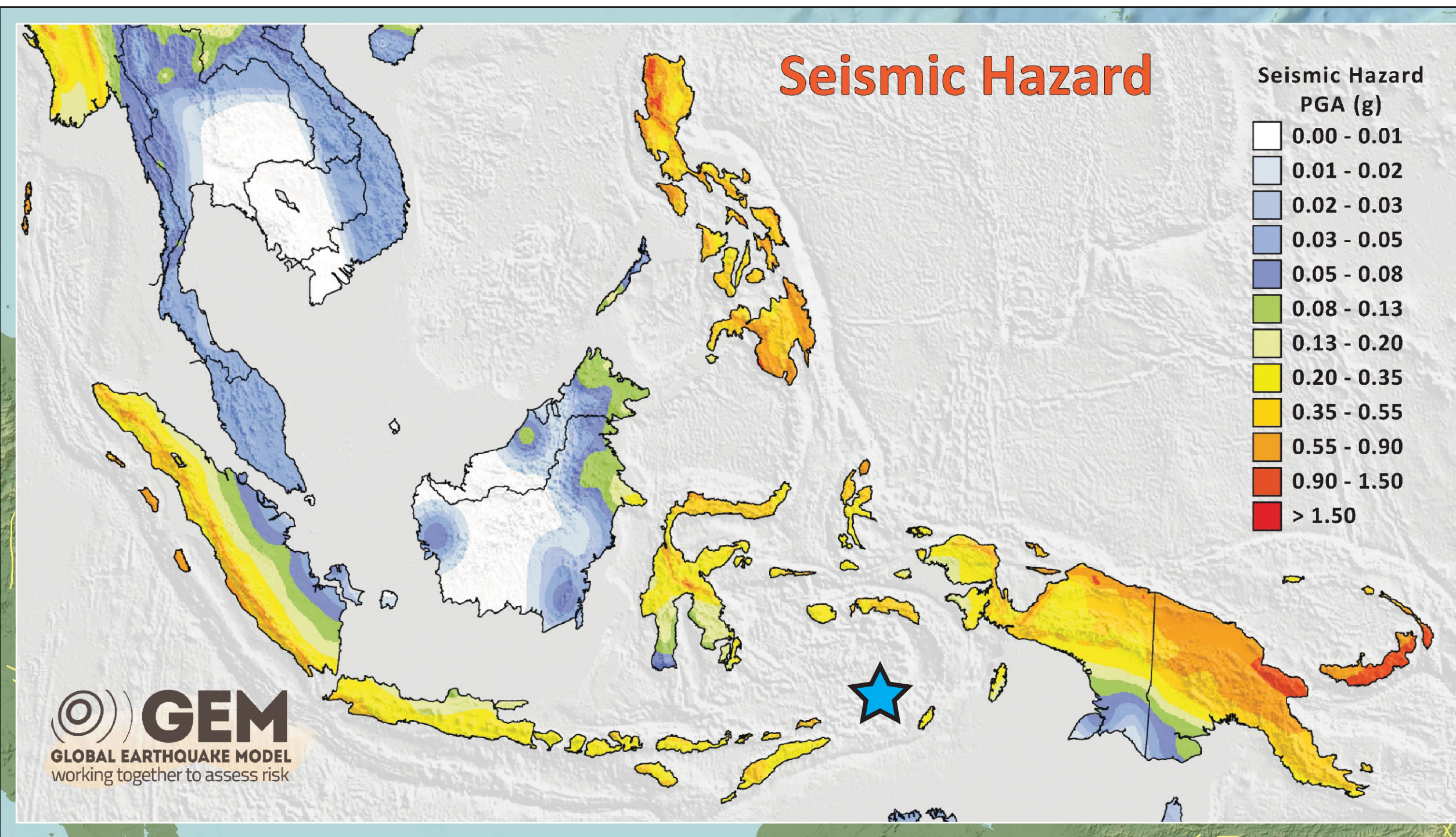


# Earthquake Report: 2023.11.08

## M 7.1 Banda Sea (& USGS Seismicity 1923-2023 M ≥ 7.0)



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



8 Nov '23 M 6.7 05:09 Seismicity (USGS - 1 century)  
 8 Nov '23 M 7.1 mag  
 8 Nov '23 M 6.7 13:02 7.0 - 7.5  
 Seismicity (USGS - 1 month) 7.6 - 8.0  
 mag 8.1 - 8.5  
 0.2 - 1.0 8.6 - 9.1  
 1.1 - 2.0  
 2.1 - 3.0  
 3.1 - 4.0  
 4.1 - 5.0  
 5.1 - 6.0  
 6.1 - 7.1

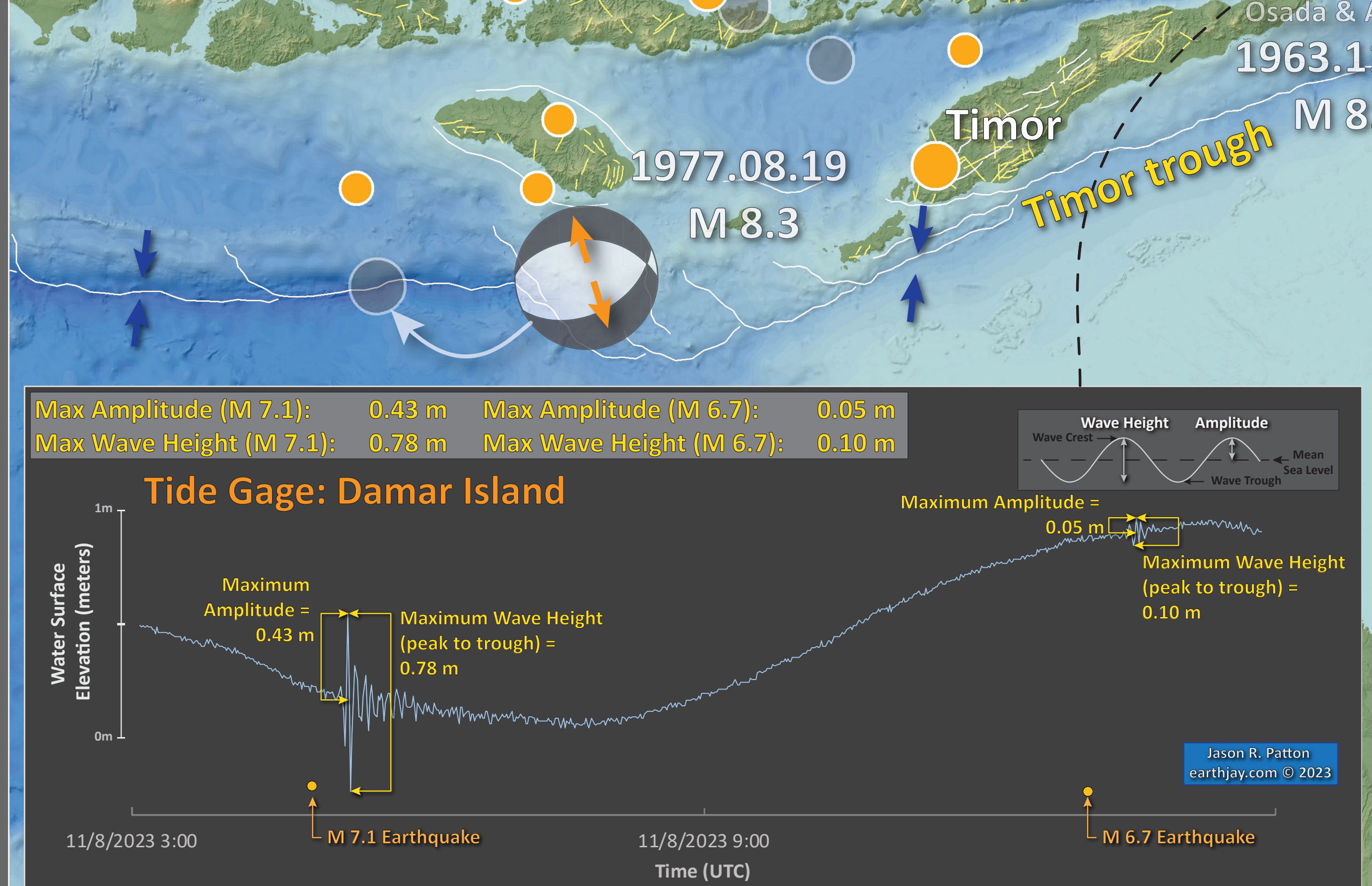
Fault (AFEAD - v2021)  
 Fault (CCOP)

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

GEM  
 GLOBAL EARTHQUAKE MODEL  
 Working together to assess risk

Jason R. Patton  
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USGS  
 science for a changing world



**Tsunami**  
 Koulali et al., 2016

