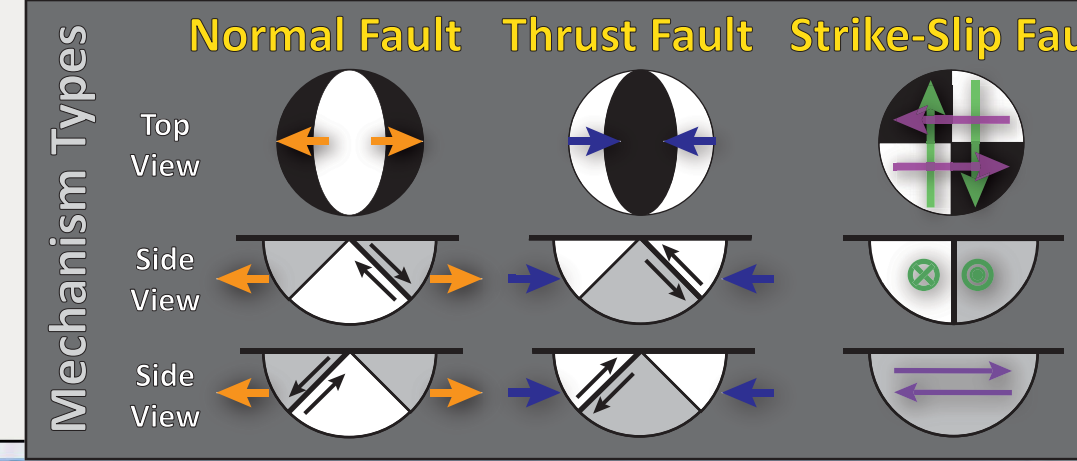
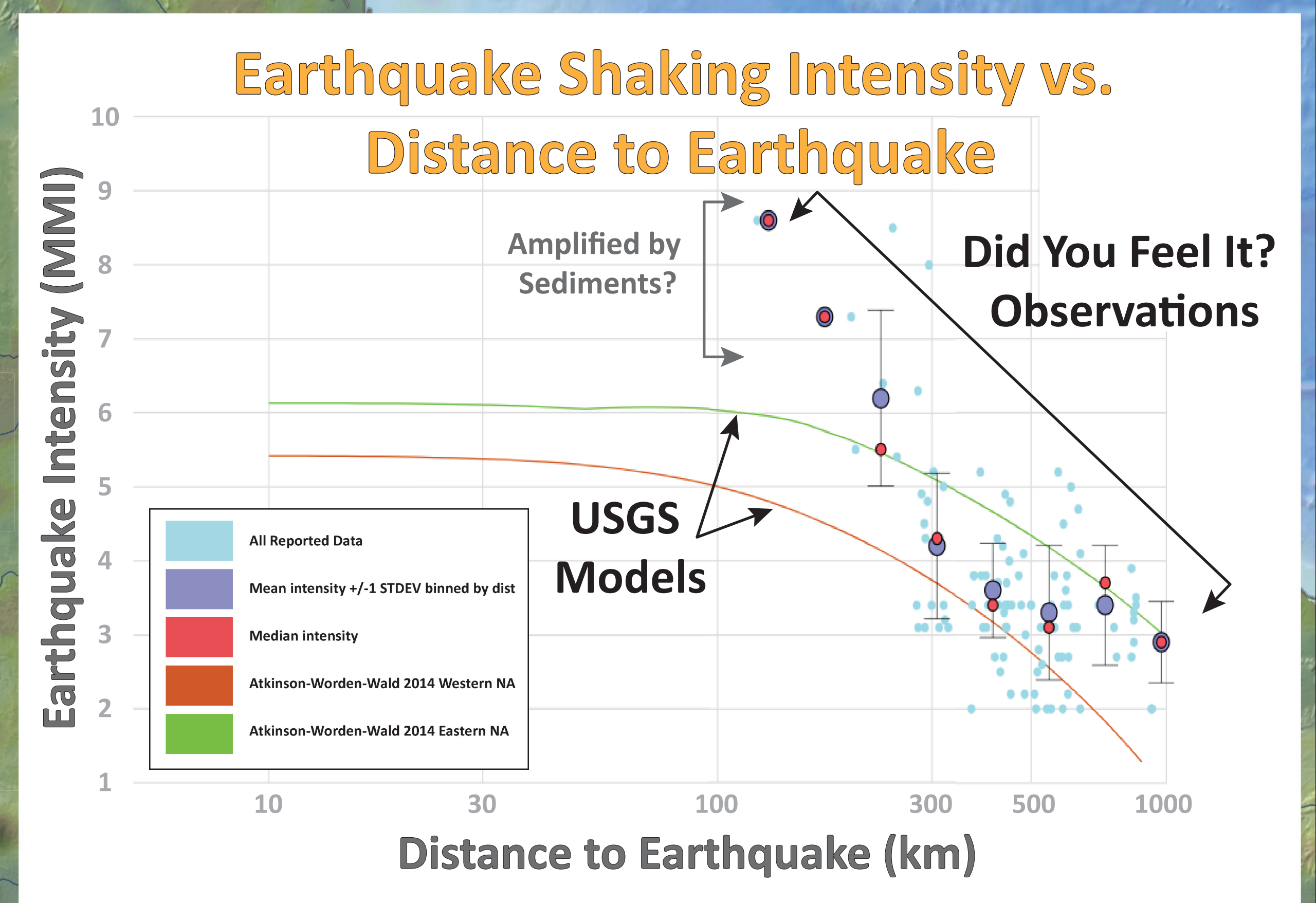
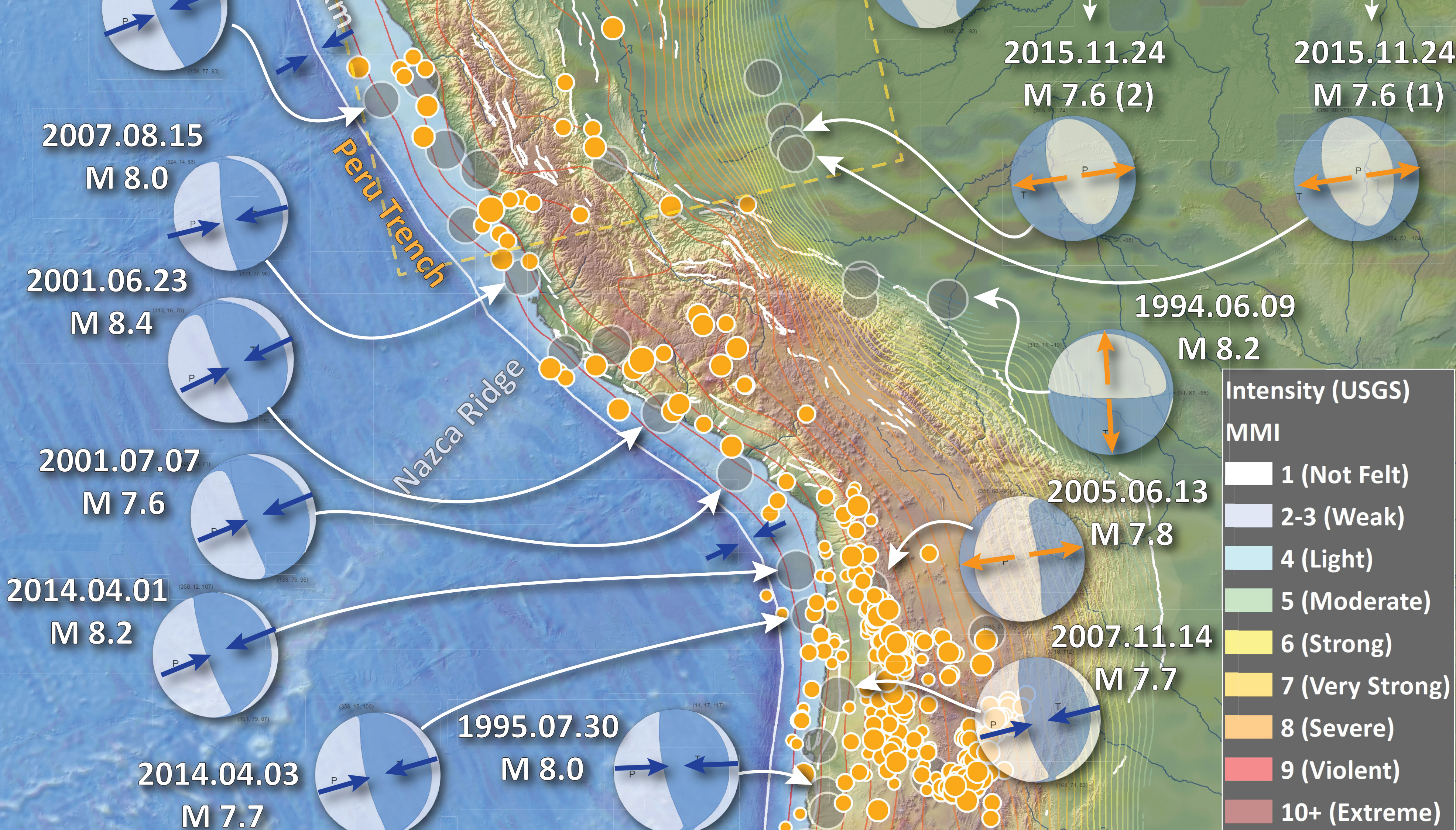
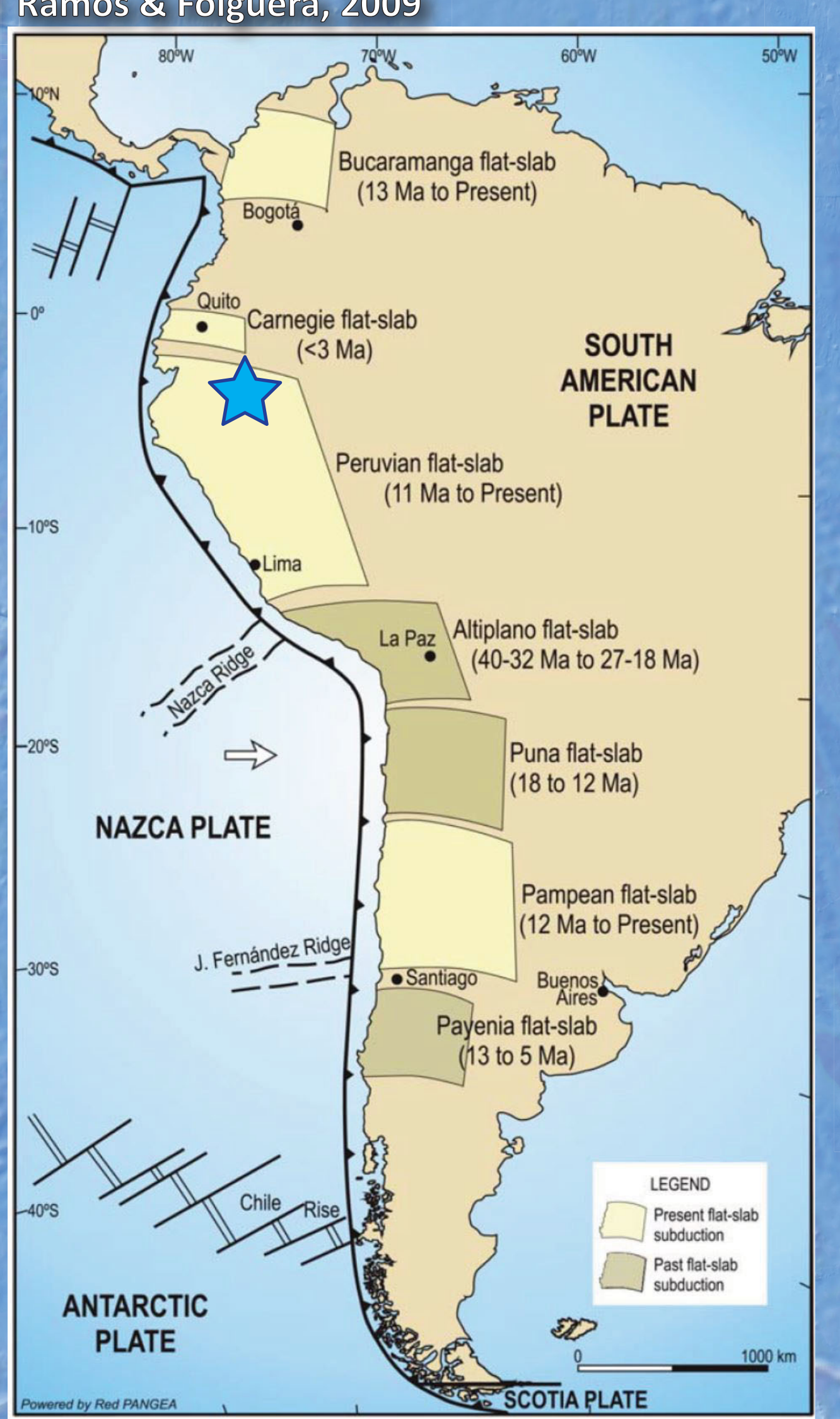
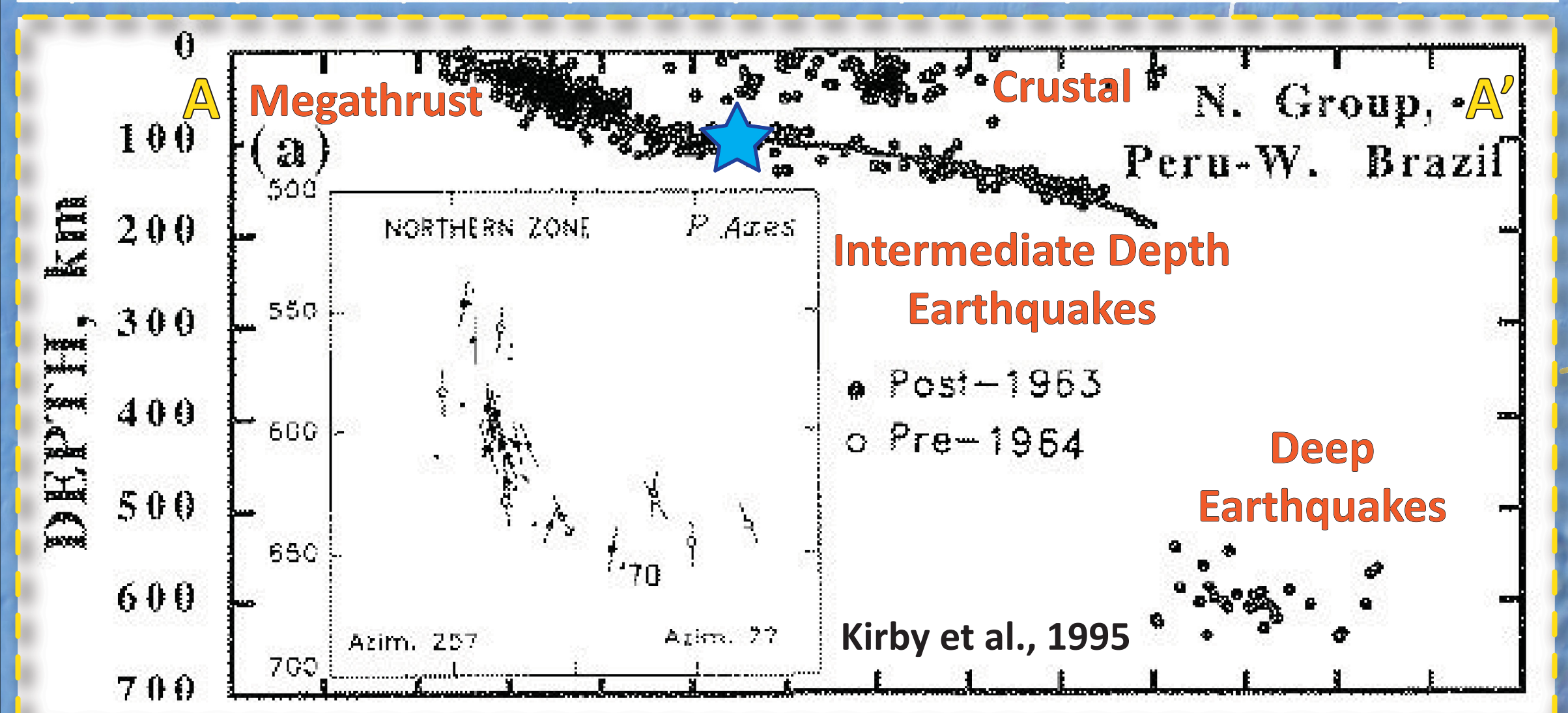
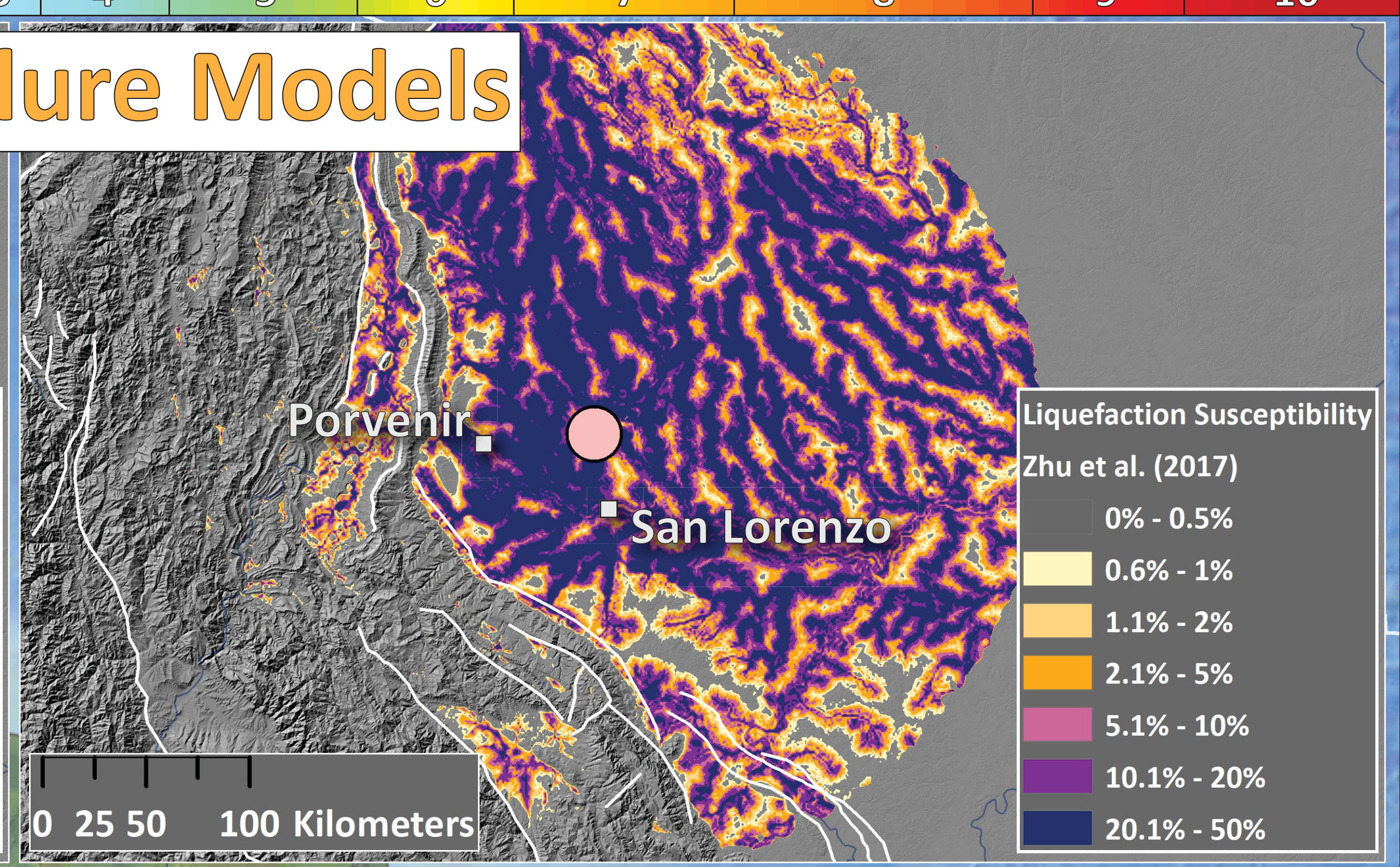
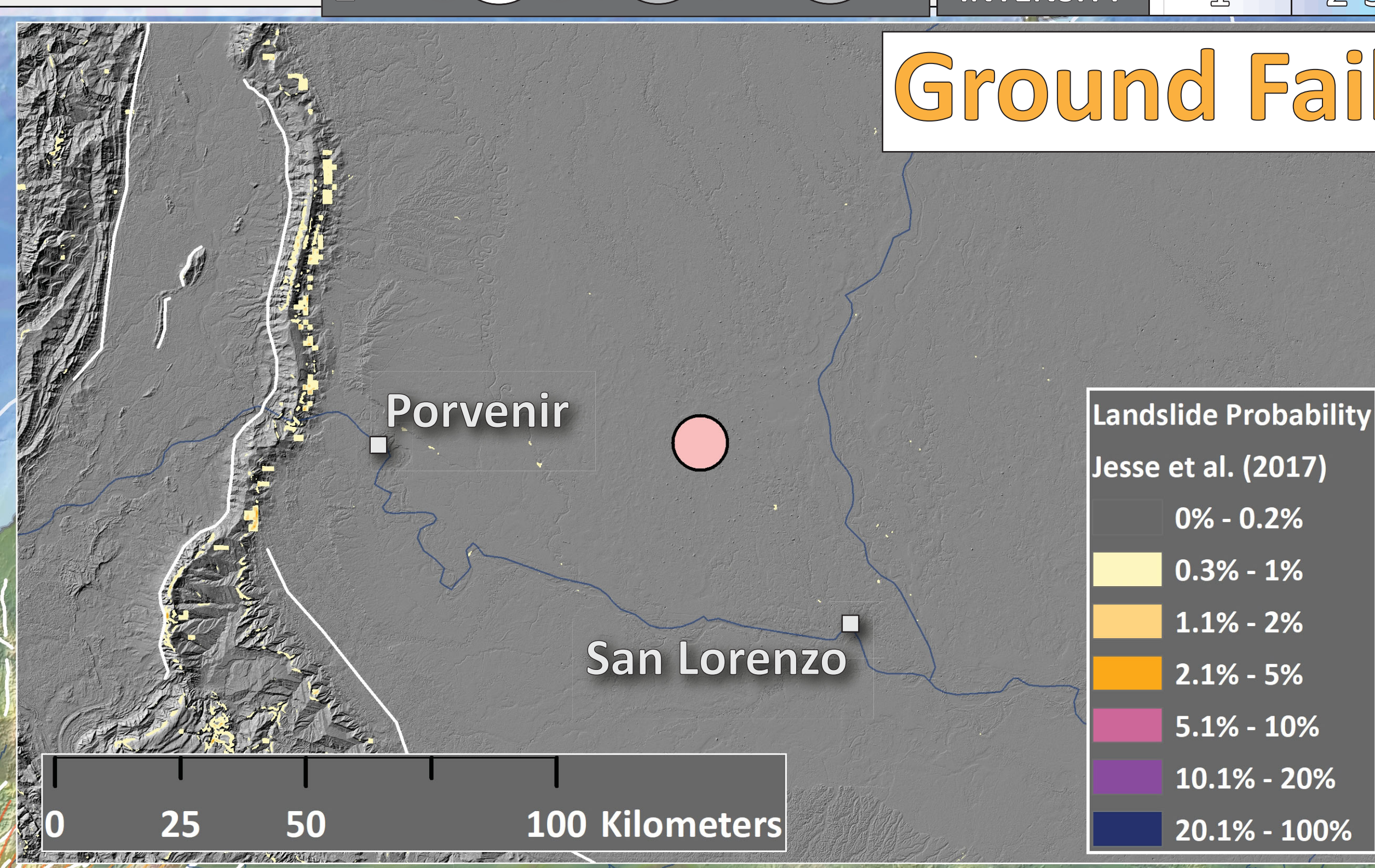
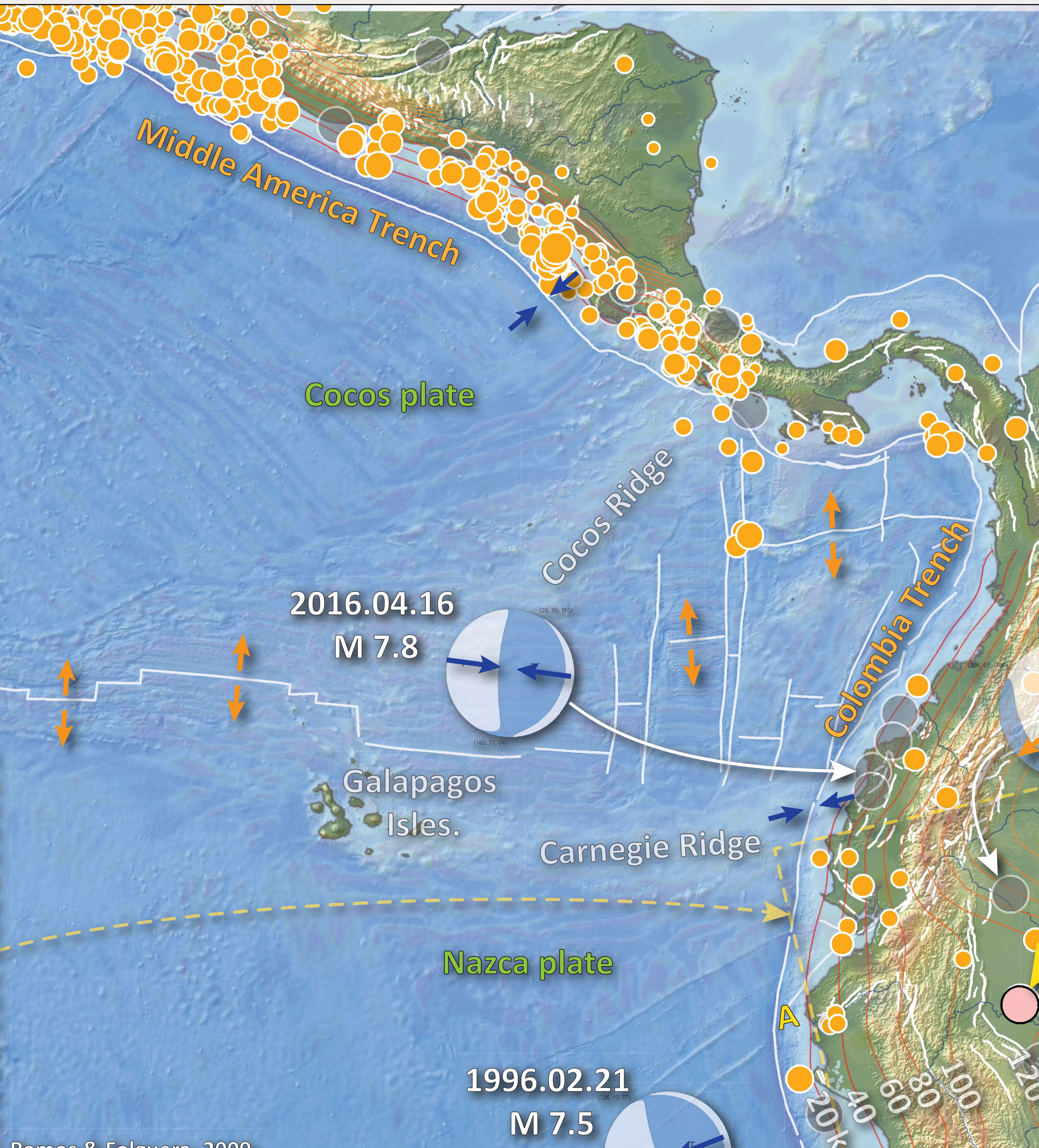
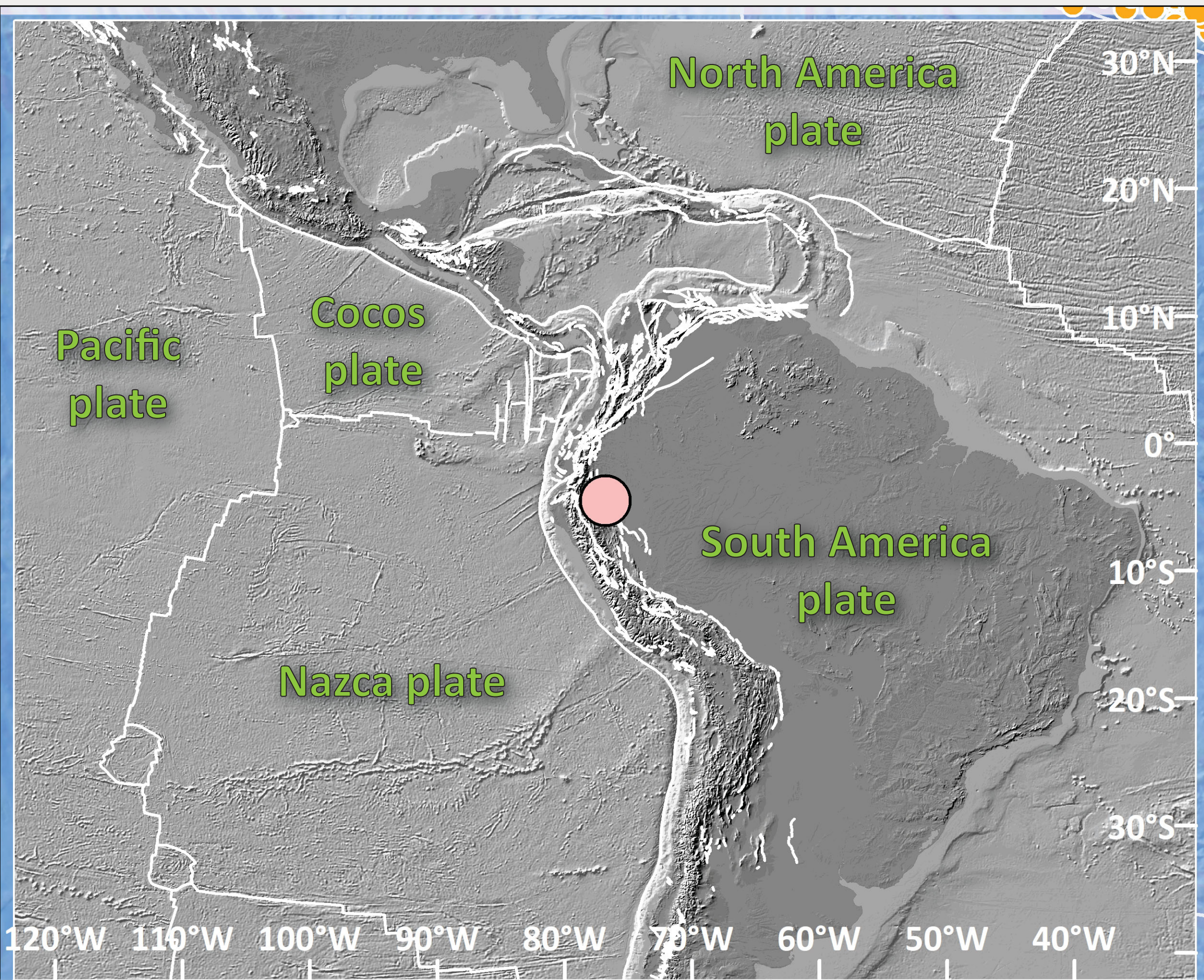


Earthquake Report: 2021.11.28

M 7.5 Peru (& USGS Seismicity 1921-2021 M ≥ 7.0)



SHAKING	Not Felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Moderate/Heavy	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	



● 28 Nov '21 M 7.5 Seismicity (USGS - 1 century)
 Seismicity (SSN - 3 month) magnitude
 magnitude
 ● 1.5 - 2.0
 ● 2.1 - 3.0
 ● 3.1 - 4.0
 ● 4.1 - 5.0
 ● 5.1 - 6.0
 ● 6.1 - 7.0
 ● 7.1 - 7.5
 ○ 7.5 - 8.0
 ○ 8.1 - 8.5
 ○ 8.6 - 9.0
 ○ 9.1 - 9.5
 River (NE)
 Fault
 GEM
 Total Intensity Anomaly (nT)
 Depth to Slab (km)
 MEXICO SSN SERVICIO SISMOLÓGICO NACIONAL
 Natural Earth
 GEM GLOBAL EARTHQUAKE MODEL working together to assess risk
 Jason R. Patton earthjay.com © 2021
 USGS science for a changing world

