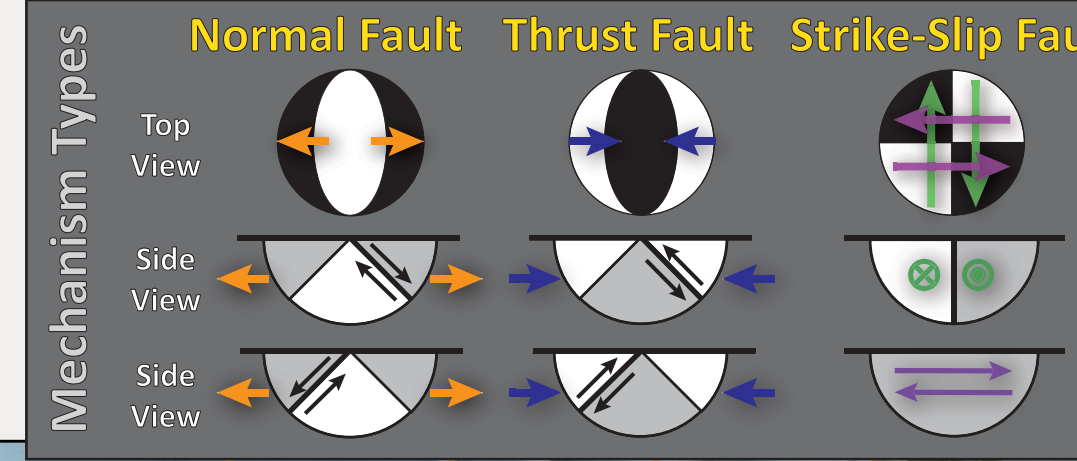
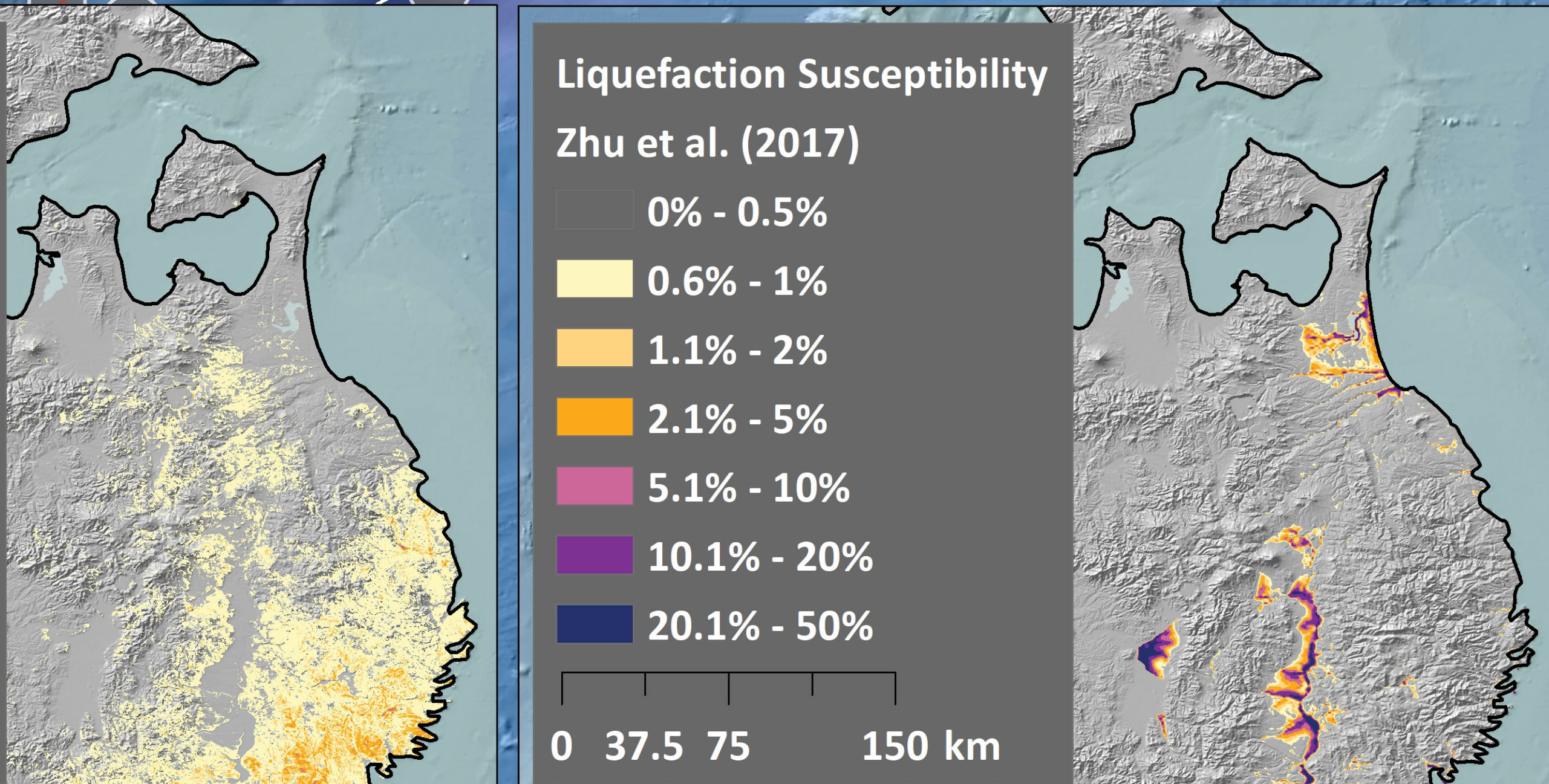
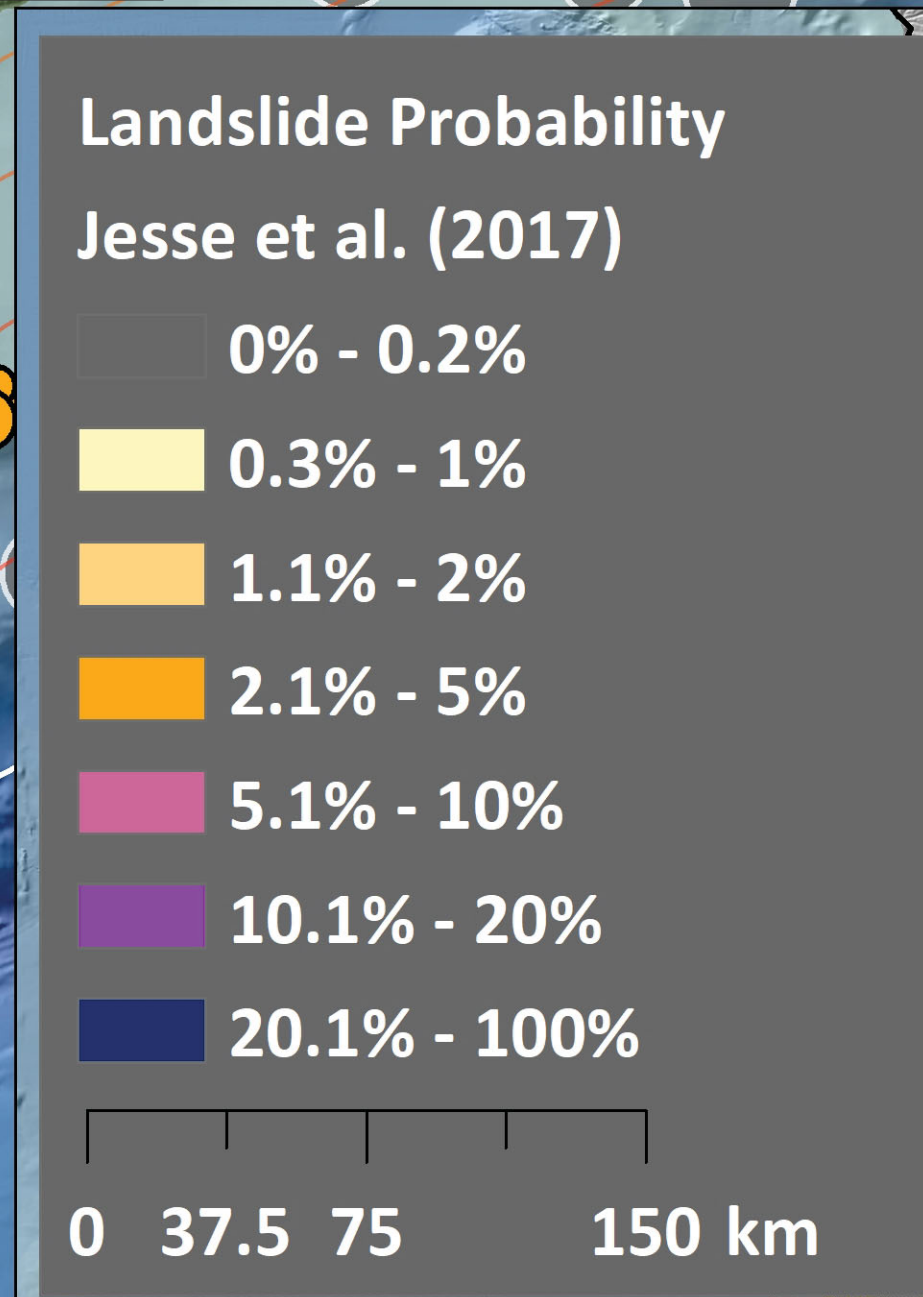
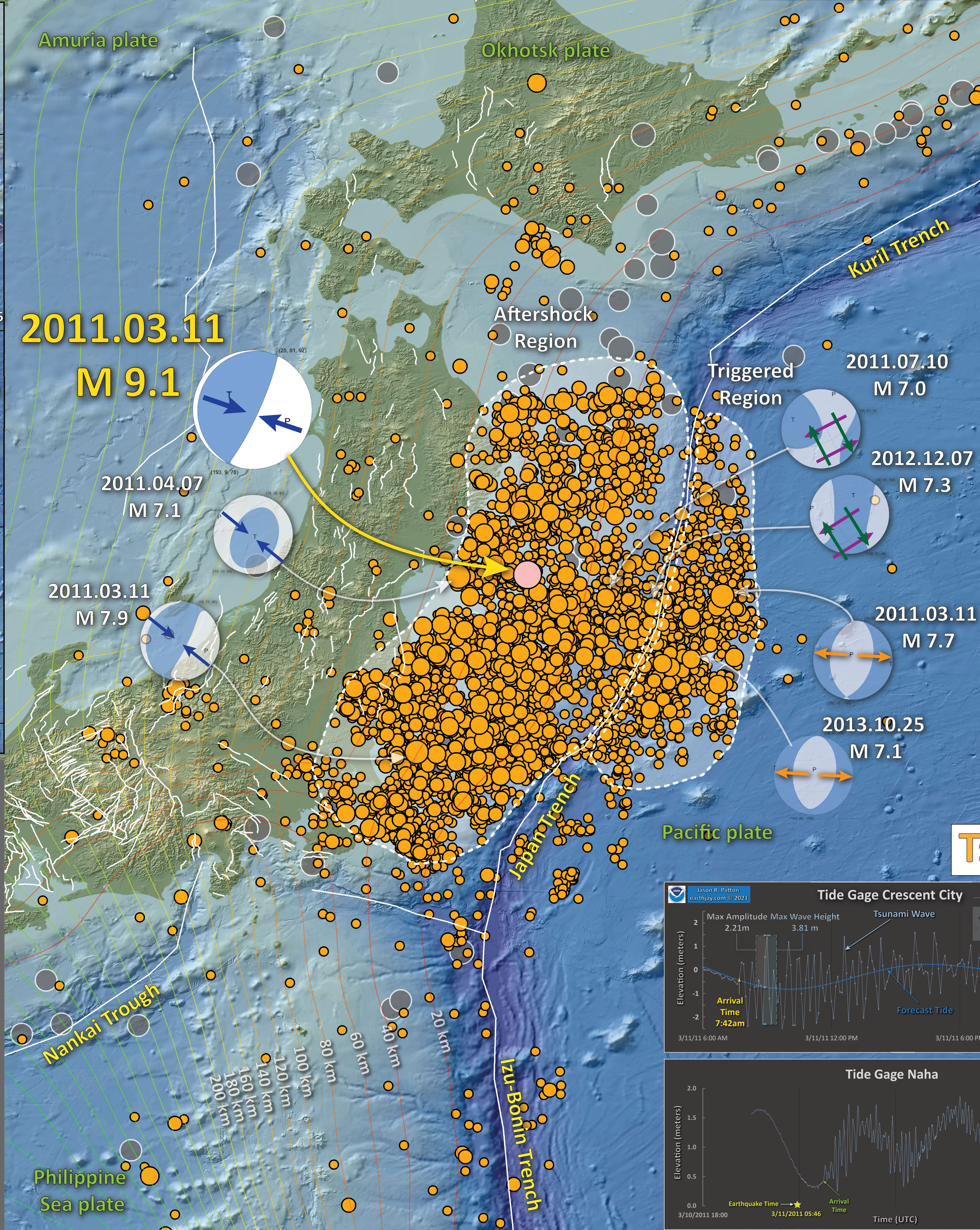
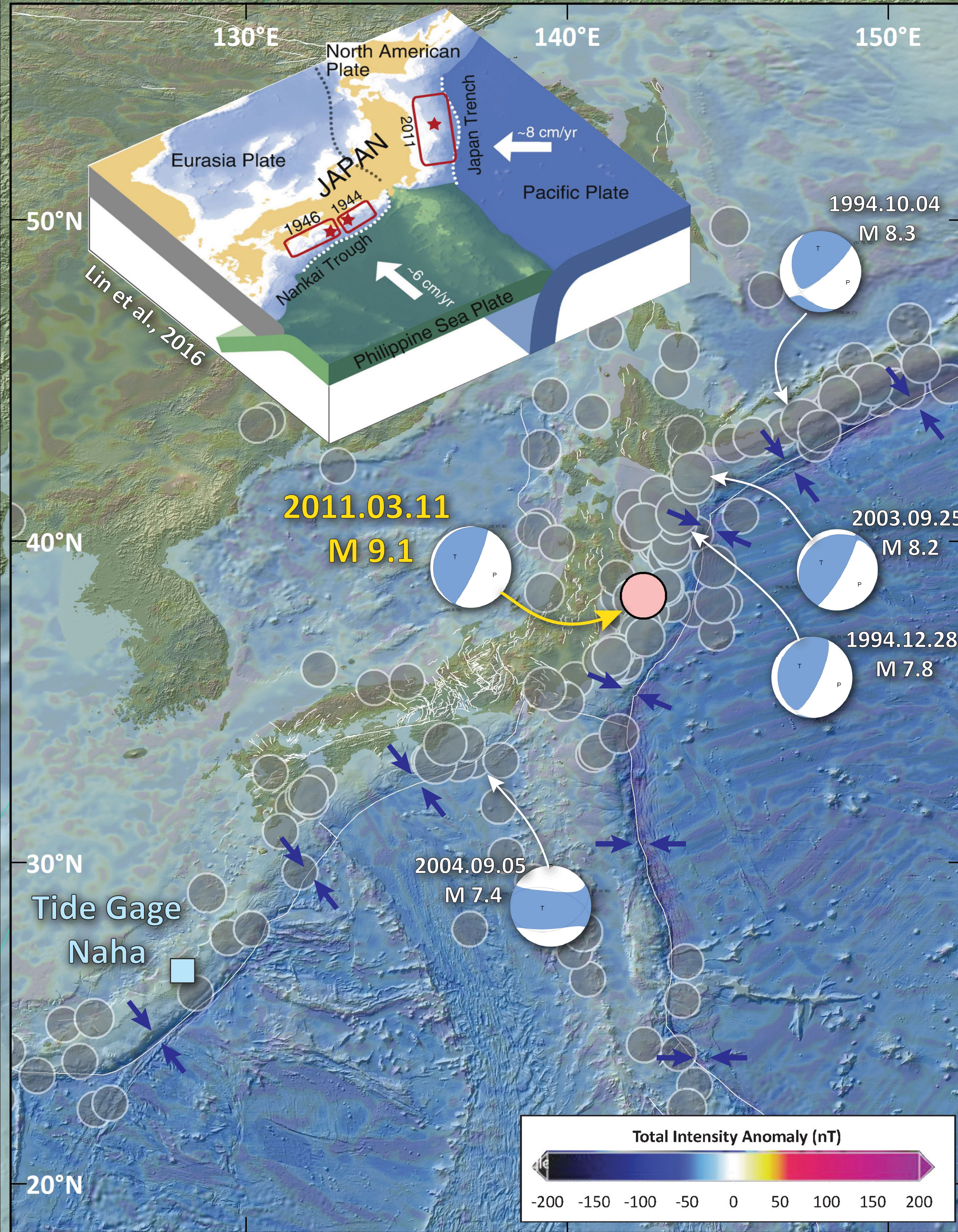


Earthquake Report: 2011.03.11

M 9.1 Tōhoku-oki, Japan (& USGS Seismicity)



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



Ground Failure Models

● 11 Mar '11 M 9.1
 M9.1 Aftershocks and Triggered Region
 Seismicity (USGS - 1 year)
 Magnitude
● 2.9 - 5.0
● 5.1 - 6.0
● 6.1 - 7.0
● 7.1 - 8.0
● 8.1 - 9.1
 Fault
 — GEM

 Topography: Ryan et al., 2009
 doi:10.1029/2008GC002332.
 Depth to Slab (km)
 0 50 100 150 200 250 300 350 400 450 500 550 600 650 700
 Jason R. Patton
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Tsunami

