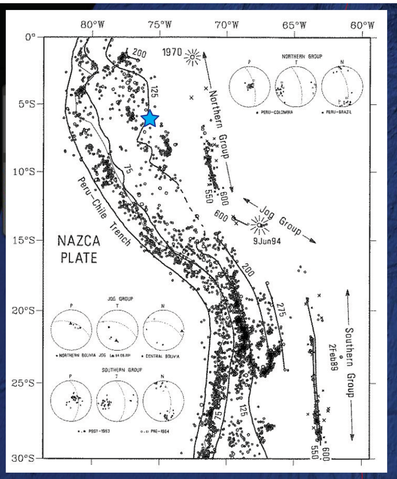
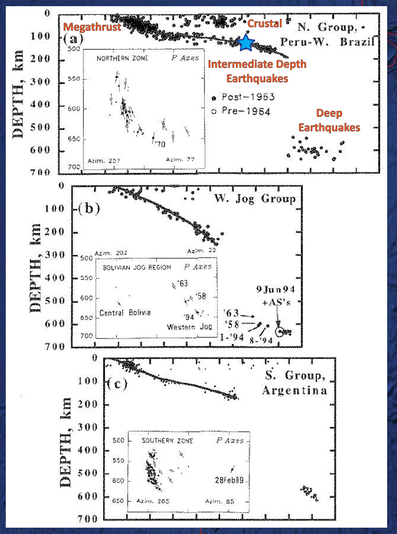
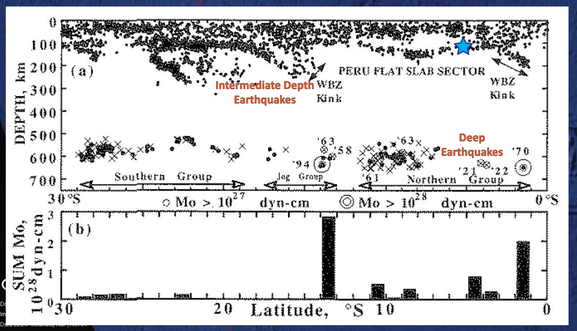
Earthquake Report: 2019.05.26

M 8.0 Peru (& USGS Seismicity 1919-2019 M ≥ 7.0)



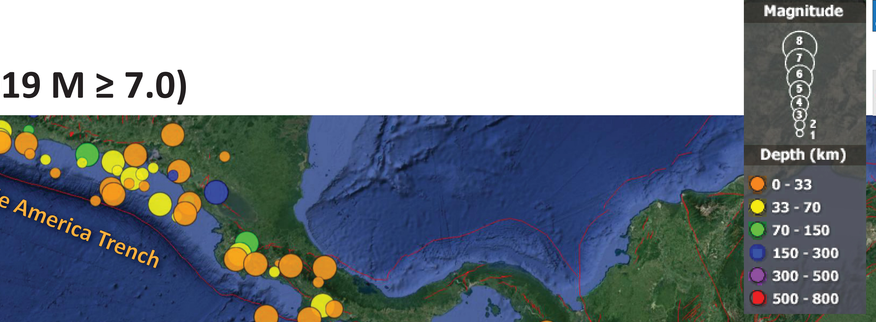


Kirby et al., 1995





Capitanio et al., 2011

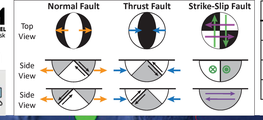


Jason R. Patton
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GEM GLOBAL EARTHQUAKE MODEL working together to assess risk

USGS Google Earth

Depth to Slab (km)



INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Damage	None	None	None	Very slight	Light	Moderate	Moderate/ heavy	Heavy	Very heavy
Peak Acc	<0.17	0.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
Peak Vel	<0.1	0.1- 1.1	1.1- 3.4	3.4- 8.1	8.1- 16	16 - 31	31 - 60	60-116	>116

Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)

Ramos & Folguera, 2009

