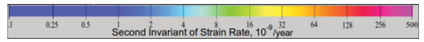
# Earthquake Report: 2019.05.26
# M 8.0 Peru (& USGS Seismicity 1919-2019 M ≥ 7.0)




UNAVCO

GEM GLOBAL EARTHQUAKE MODEL working together to assess risk

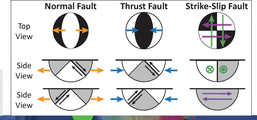
Nevada Geodetic Laboratory

Jason R. Patton earthjay.com © 2019

USGS Google Earth

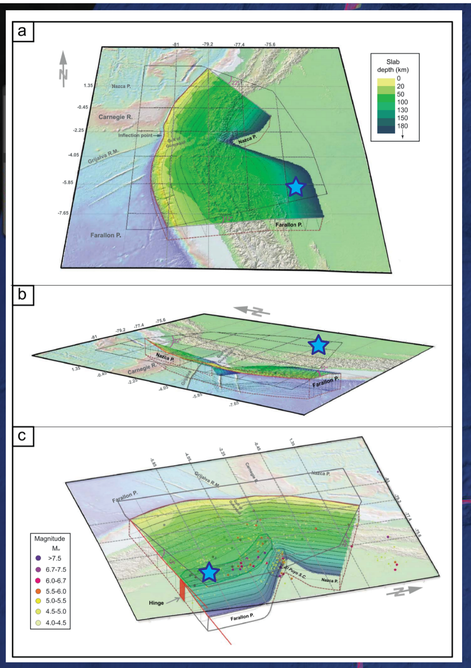
Depth to Slab (km)

0 50 100 150 200 250 300 350 400 450 500 550 600 650 700

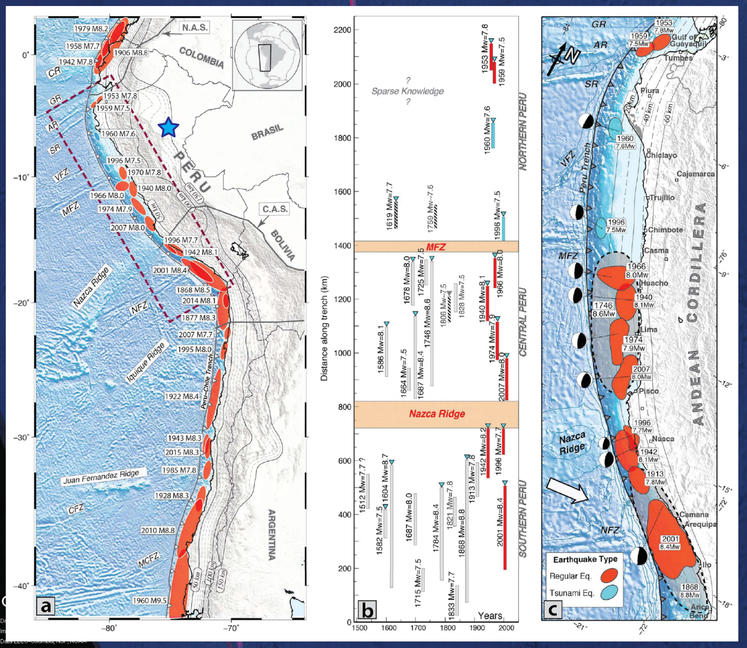



| INTENSITY | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
|---|---|---|---|---|---|---|---|---|---|
| Shaking | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| Damage | None | None | None | Very slight | Light | Moderate | Moderate/ heavy | Heavy | Very 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 |

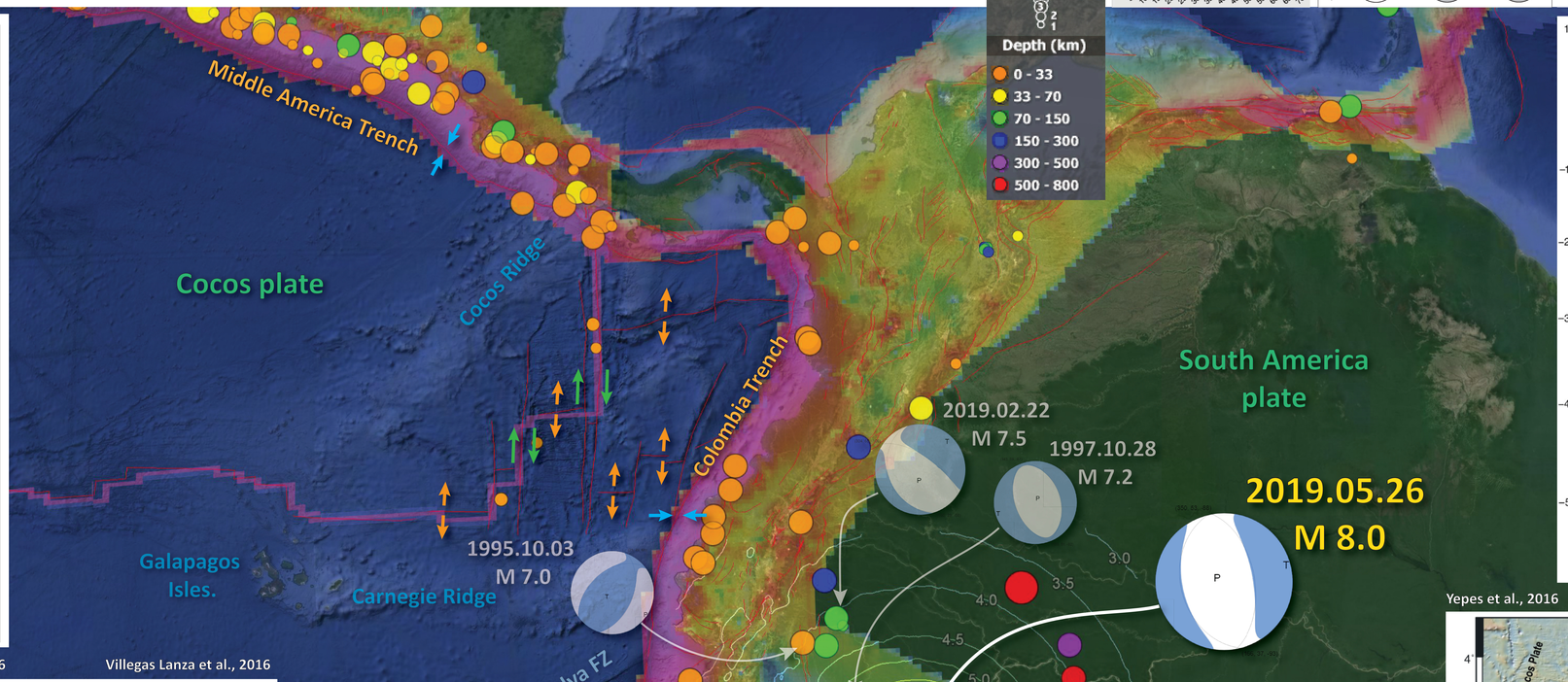
Peak Acc = Peak ground acceleration (g), Peak Vel = Peak ground velocity (cm/s)

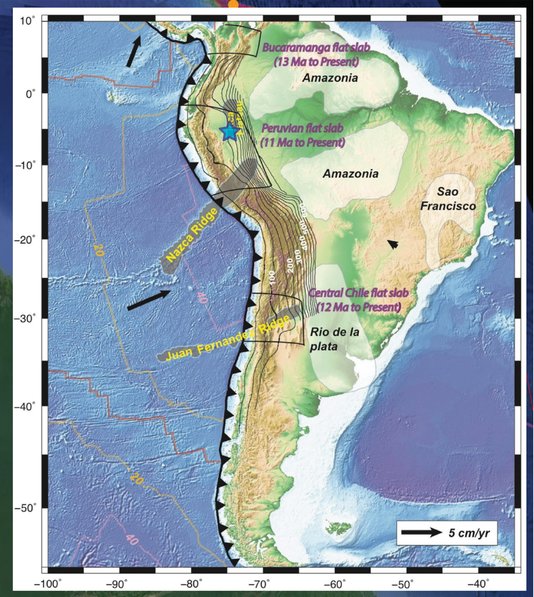


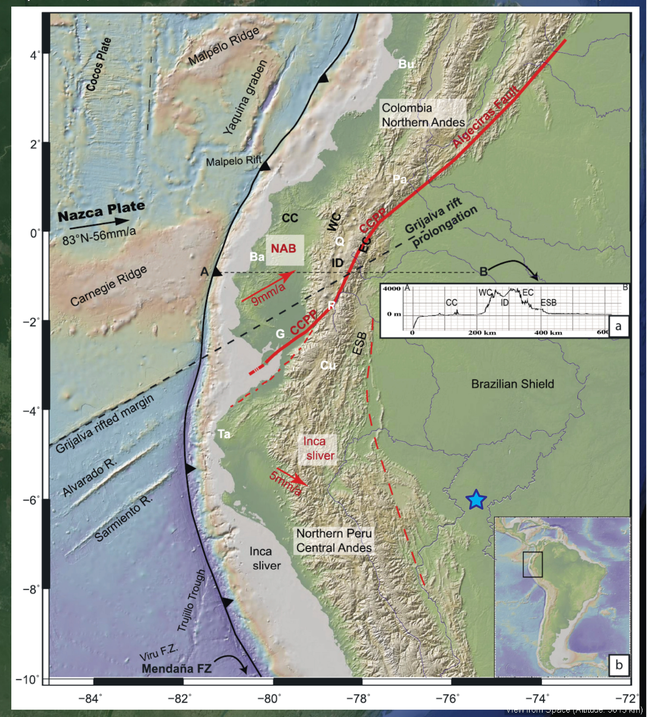

Yepes et al., 2016




Villegas Lanza et al., 2016




Yepes et al., 2016

Hu et al., 2016