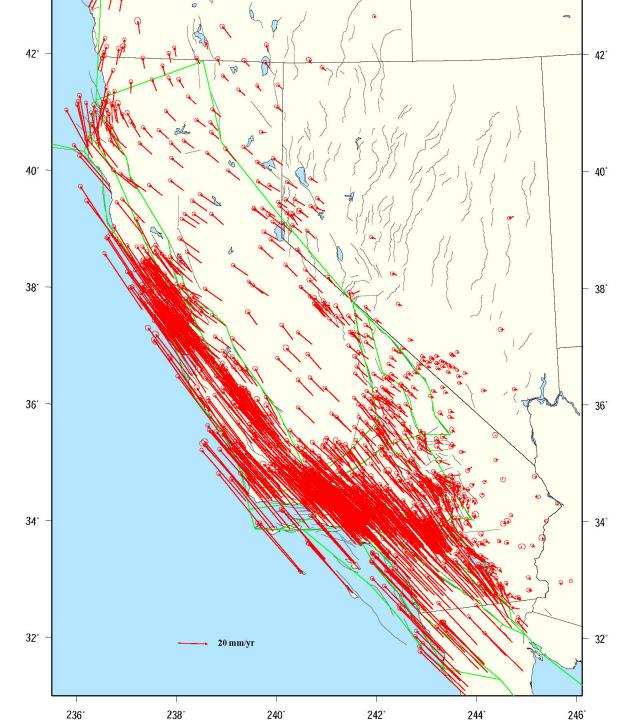
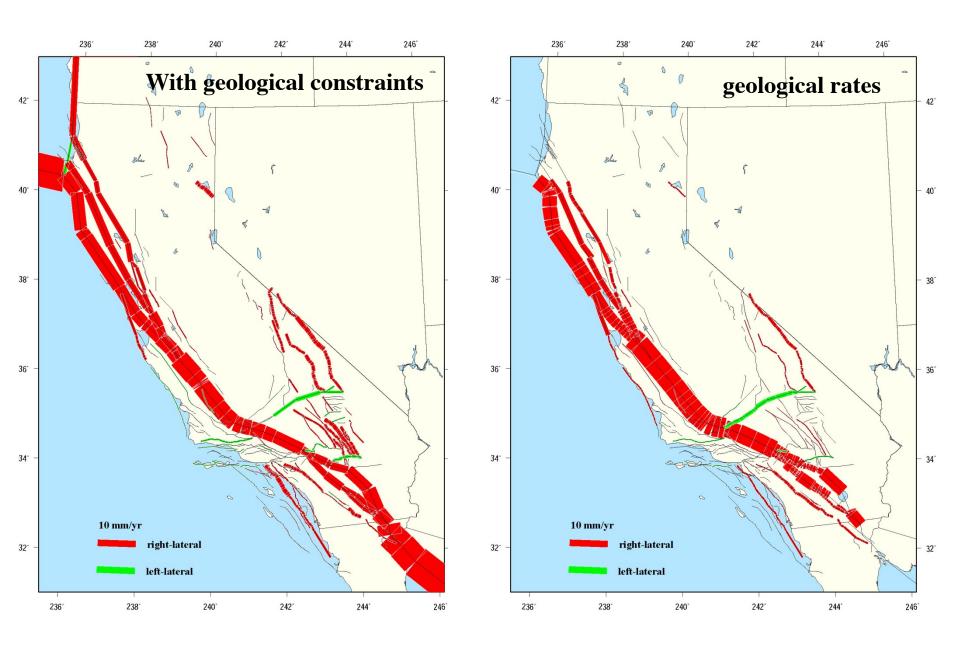
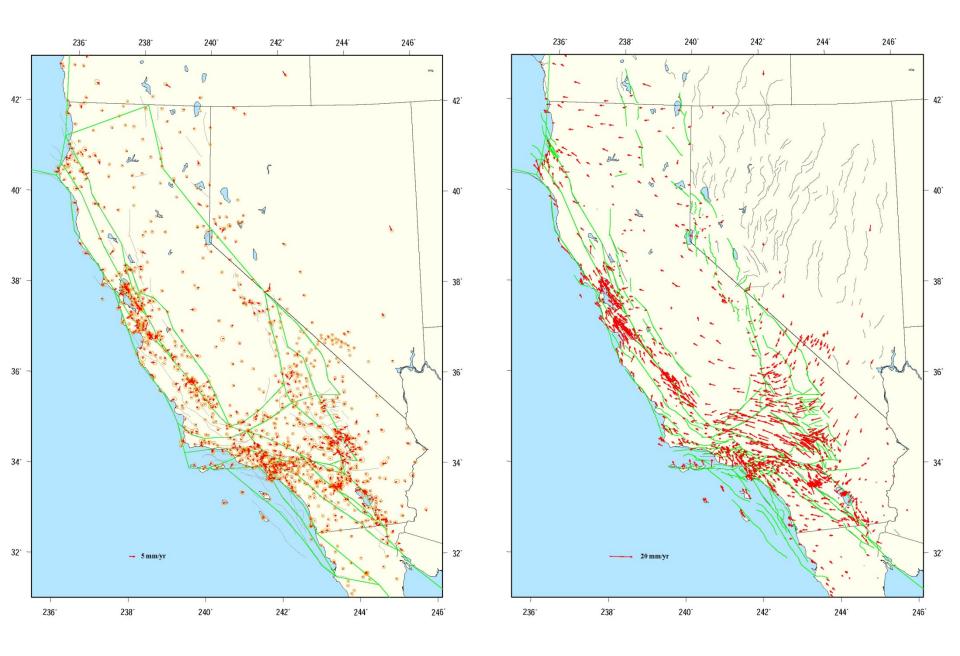
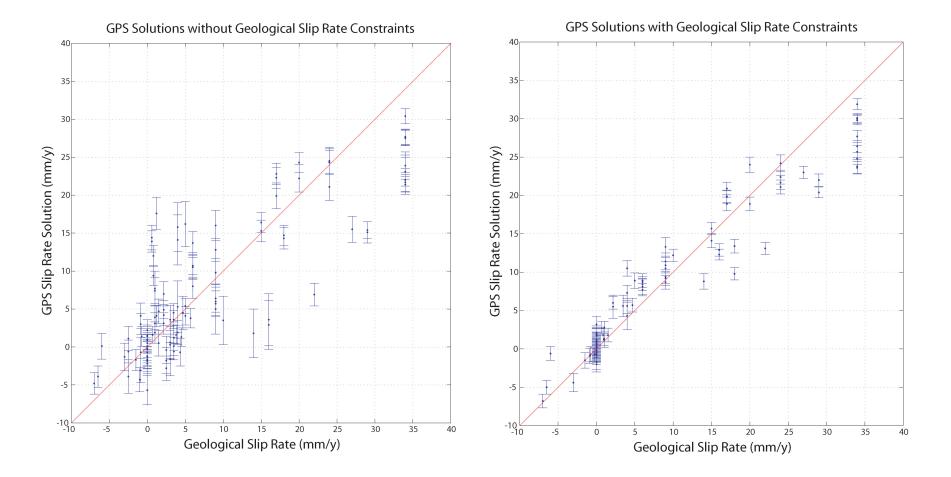
Issues of Geodetic Based Slip Rate Estimates and Its Application to the Seismic Hazard Analysis

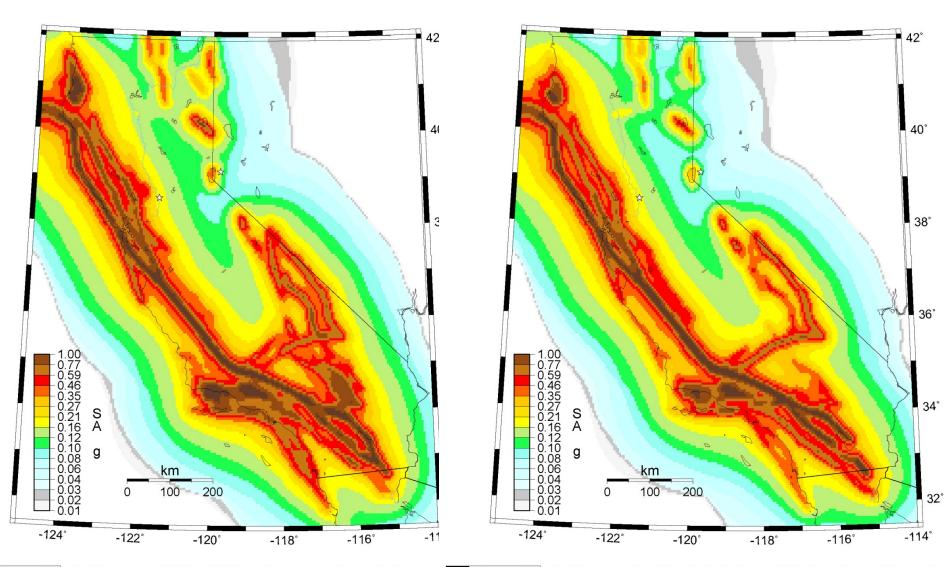
Yuehua Zeng USGS



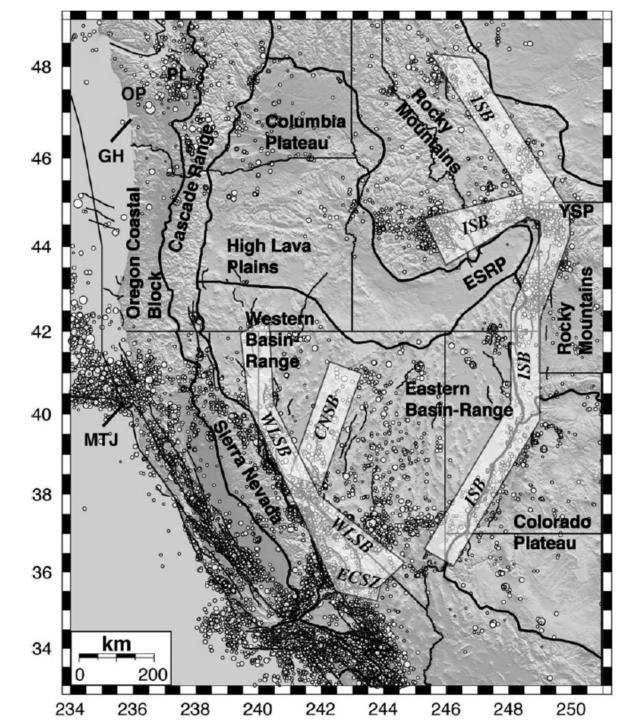


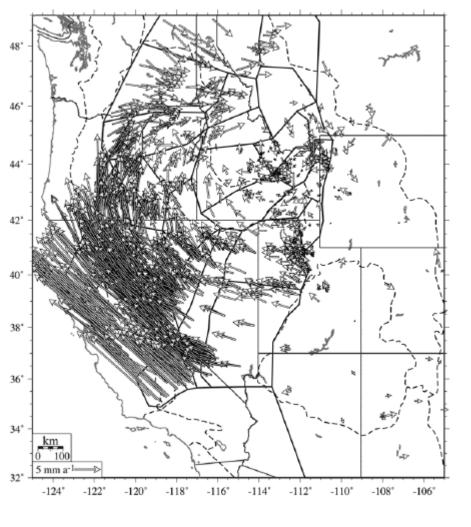




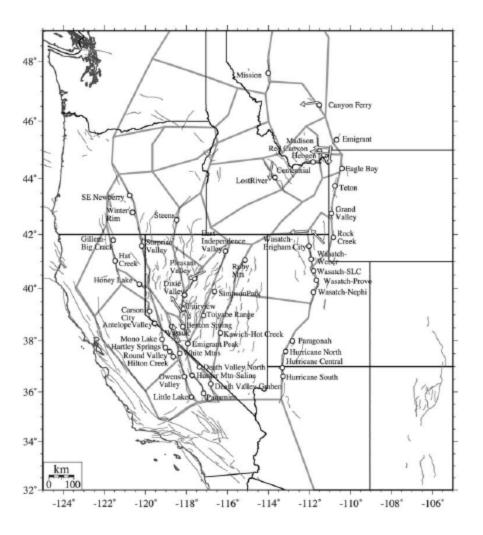


- Geodetic Workshop on Western US Geodetic Block Models and Fault Slip Estimates
- Tentative Date: 10/19/2012 in San Francisco
- Models are considered ...

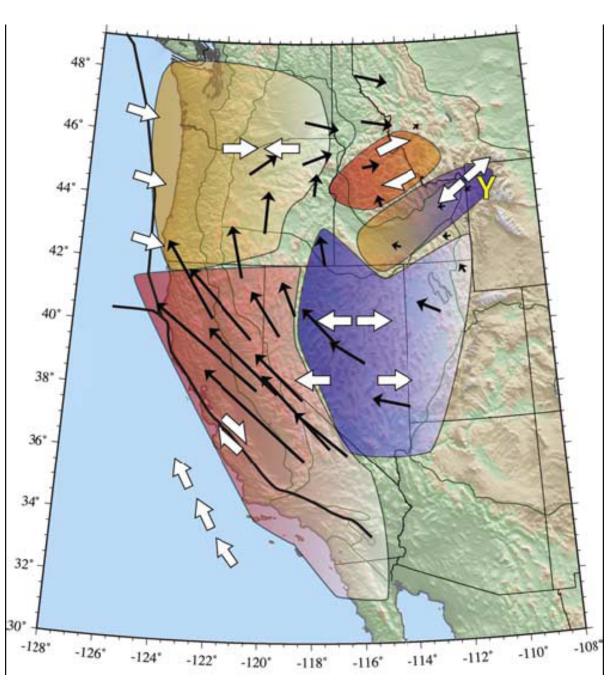


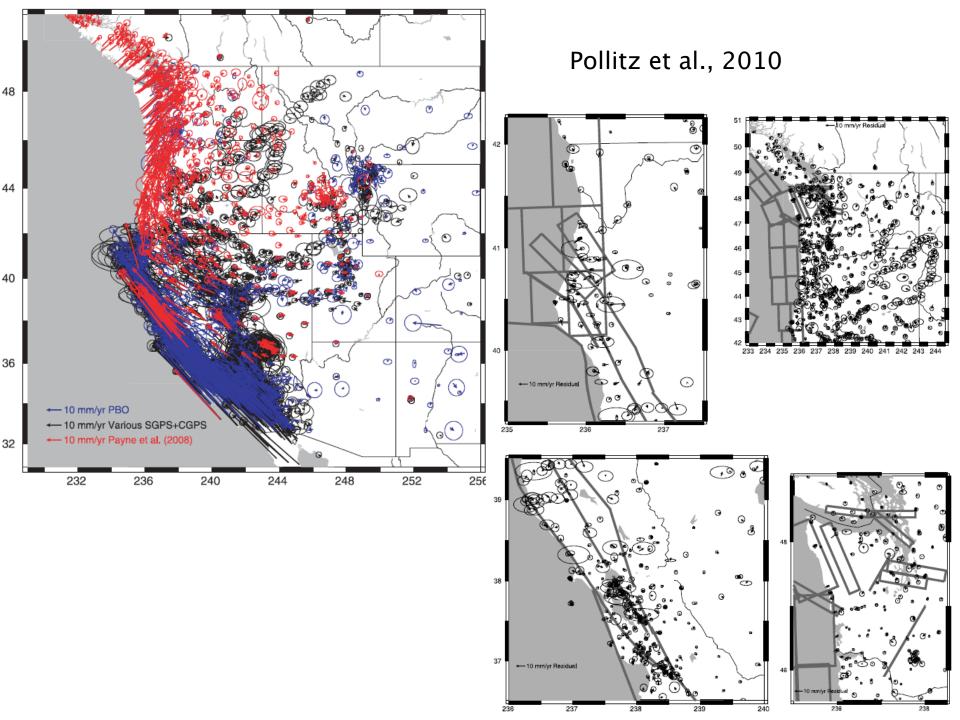


Puskas and Smith, 2009

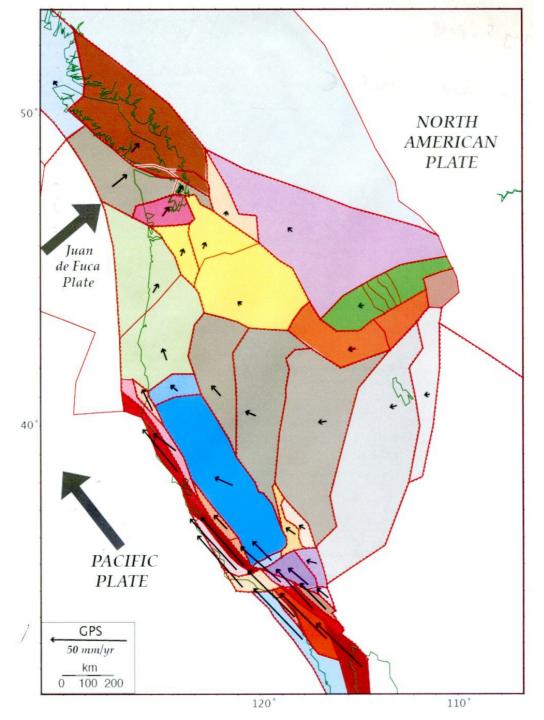


Puskas and Smith, 2009





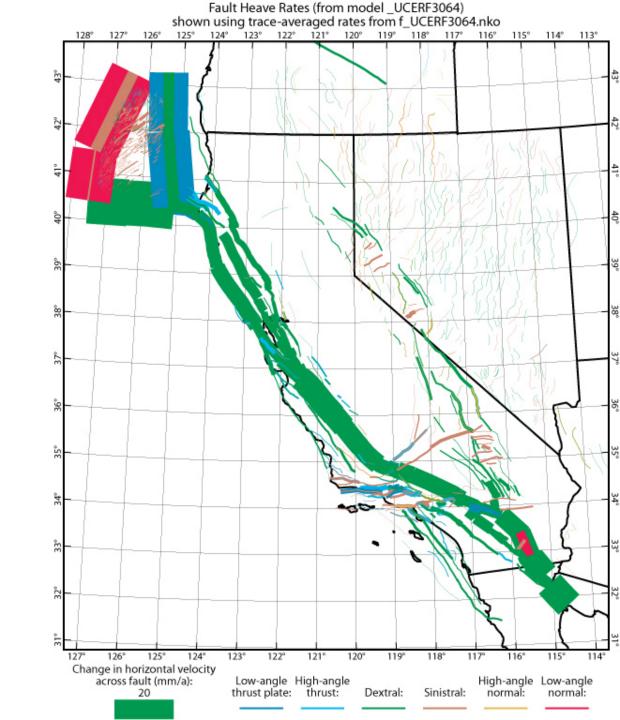
McCaffrey, 2005



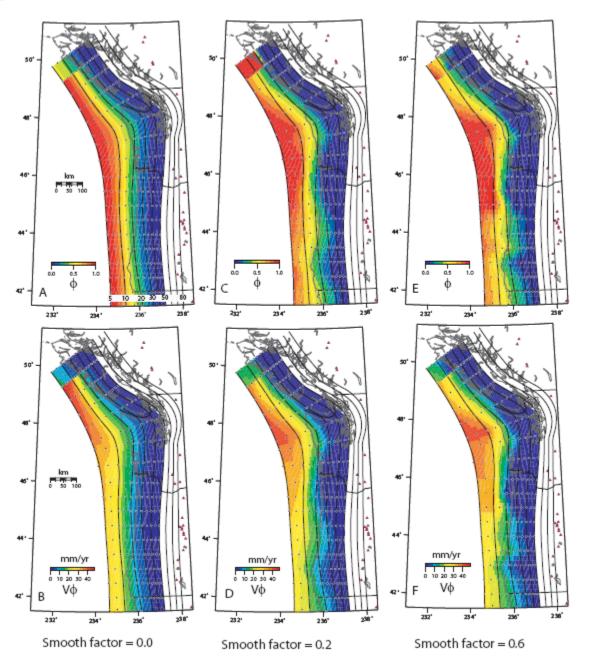
Peter Bird, UCLA

Long-term-average fault heave rates of the preferred model UCERF3064

(oblique slip is shown with two superposed ribbons)



R. McCaffrey et al.



David Schmidt

uplift (mm/yr)



- A Cascadia locking model constrained by leveling and horizontal strain rates from GPS.
- Wide locked zone ...
 M_o Accumulation Rate: 0.9-1.4 x10²² Nm/century

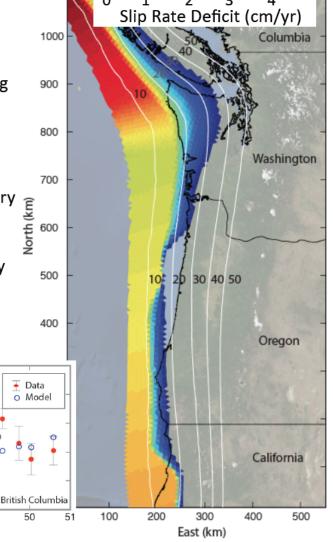
Oregon

North Latitude (degrees)

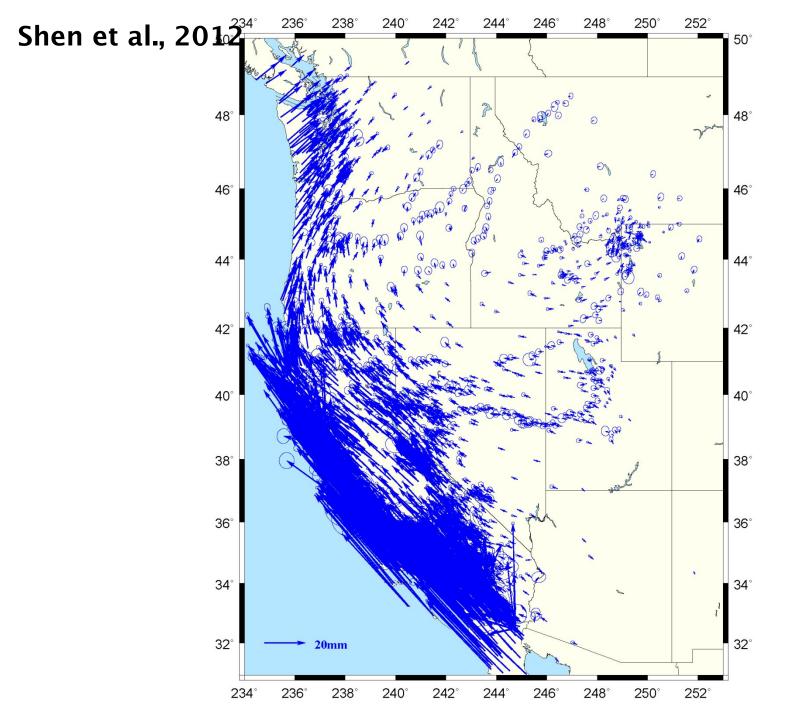
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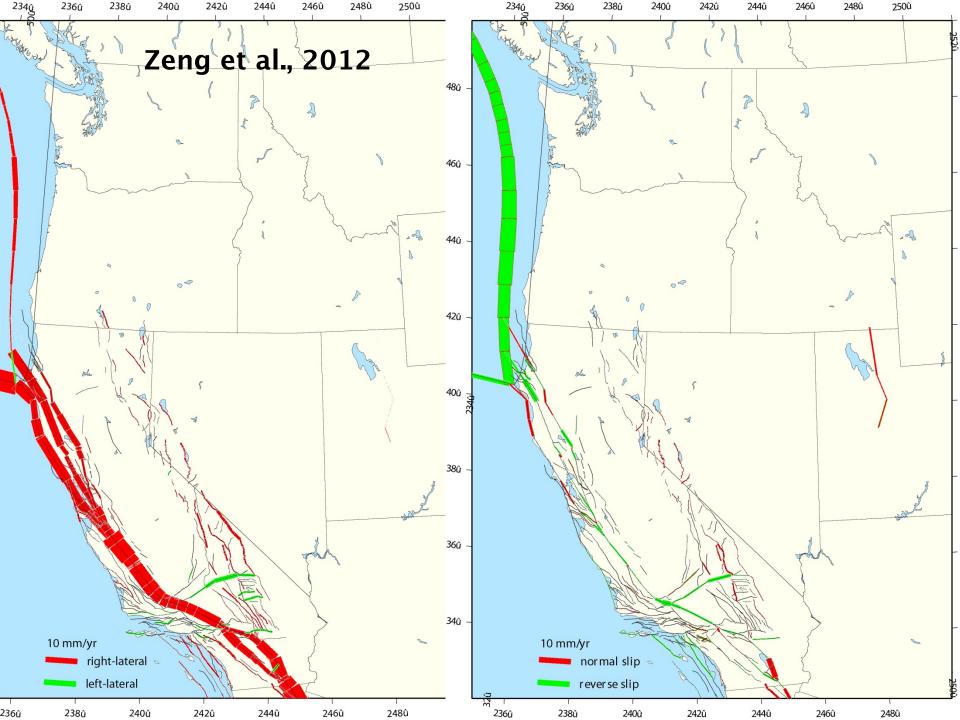
Washington

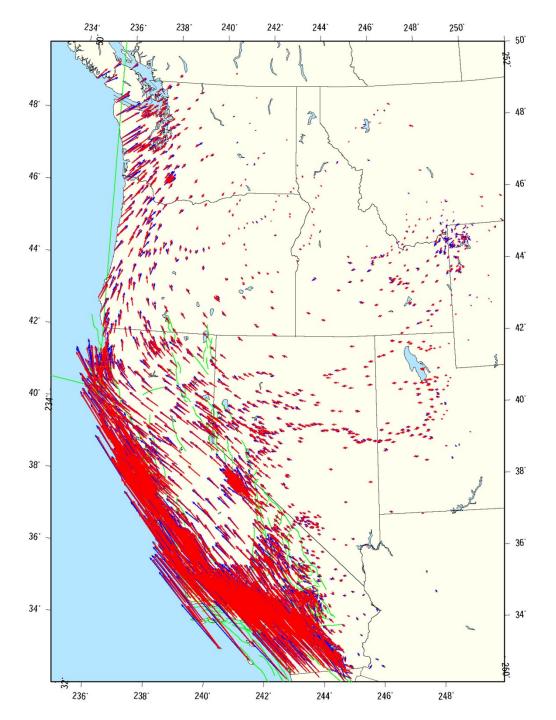
 Leveling data consistent with segment boundary offshore OR, although not uniquely resolved.

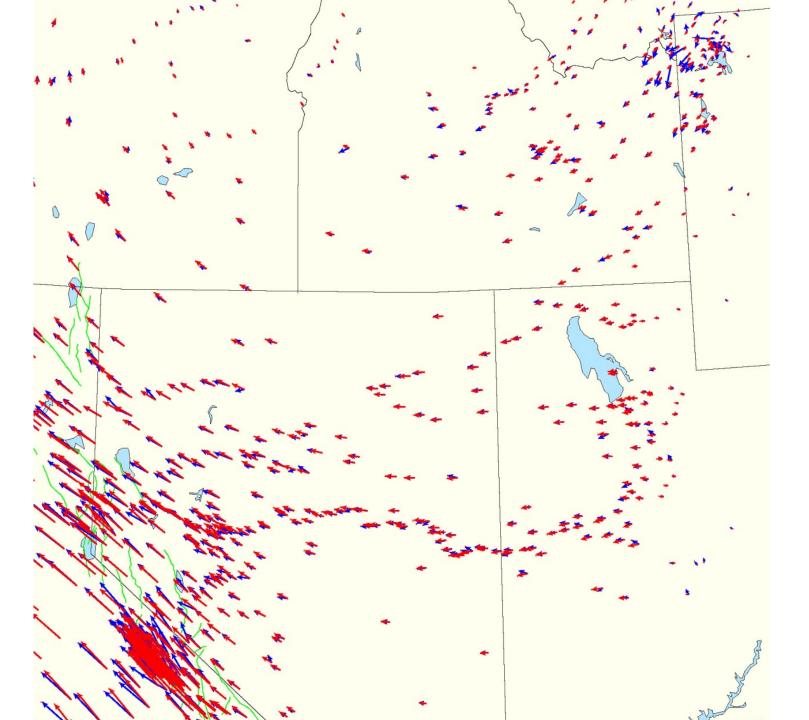


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Geodetic Workshop

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