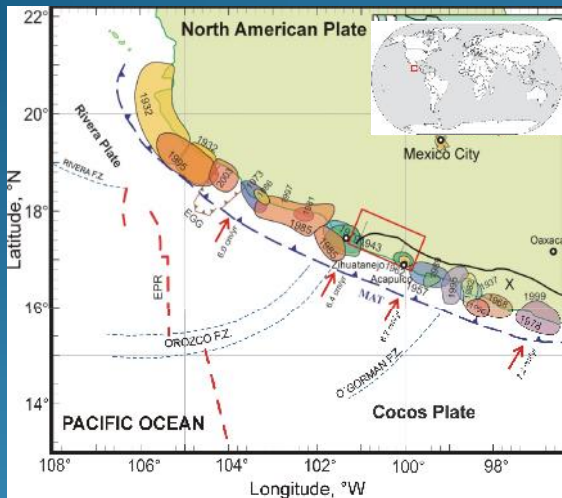


# Long-term and Short-term Vertical Deformation Rates across the Forearc in the Central Mexican Subduction Zone

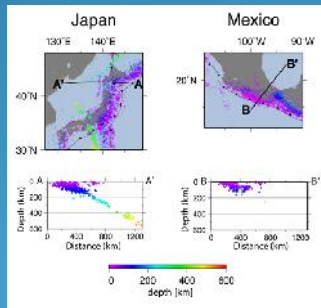
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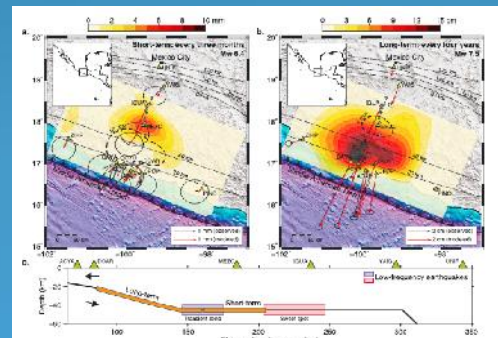


## Results

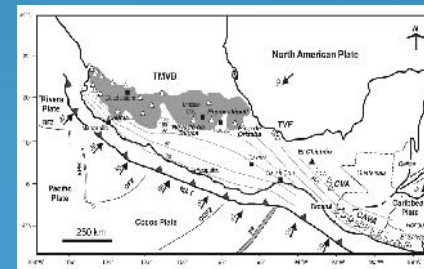
- Spatial and temporal variations of vertical crustal deformation along a profile across the forearc region of the central Mexican subduction zone, Guerrero, South Mexico.
- Faults: a number of normal and a 200 km long strike-slip fault zone uncovered, uplift rates derived from river terrace dating and short-term GPS measurements
- Topography and subducting plate geometry, slip styles, correlations



Few earthquakes below 100 km in depth



Slow slip events



Volcanic arc oblique to the trench