

# SIO 15 LECTURE 10: EARTHQUAKES AND VOLCANOES IN W. N. AMERICA

Leftovers from Lecture 9  
announcements  
miscellaneous

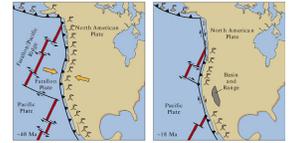
<http://www.volcano.si.edu/>

## The current and past geometry of the N. America- Pacific Plate boundary System

Present



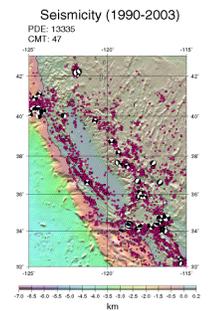
Past



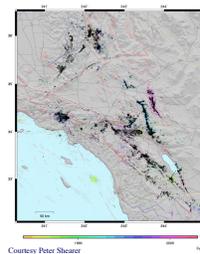
## The SAF and its Neighbors



## Seismicity in California



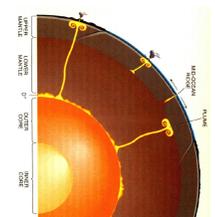
## Zooming in on Southern California



## ... and San Diego



## Columbia River Flood Basalts/Yellowstone hotspot



# Yellowstone



# The Cascade Volcanoes



# Mt. Shasta



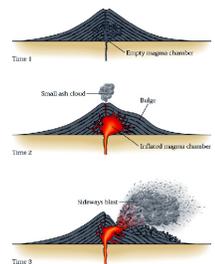
# Mt. Rainier



# Lassen Peak



# Mt. St. Helens



# Volcano Monitoring and the Long Valley Caldera/Mammoth

