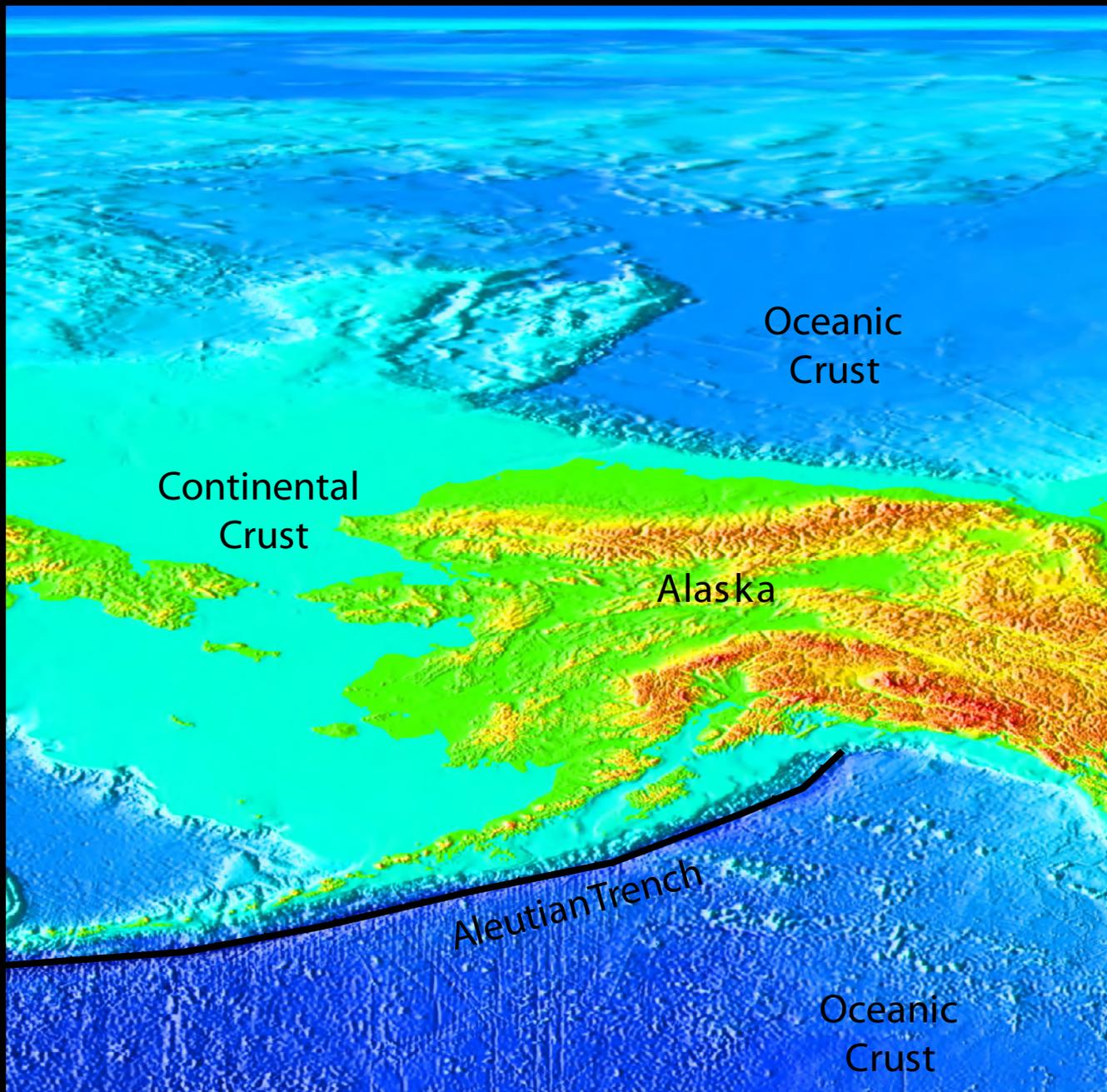
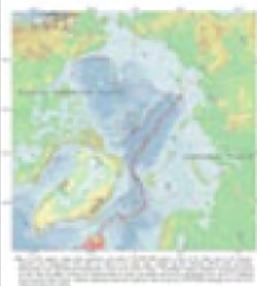
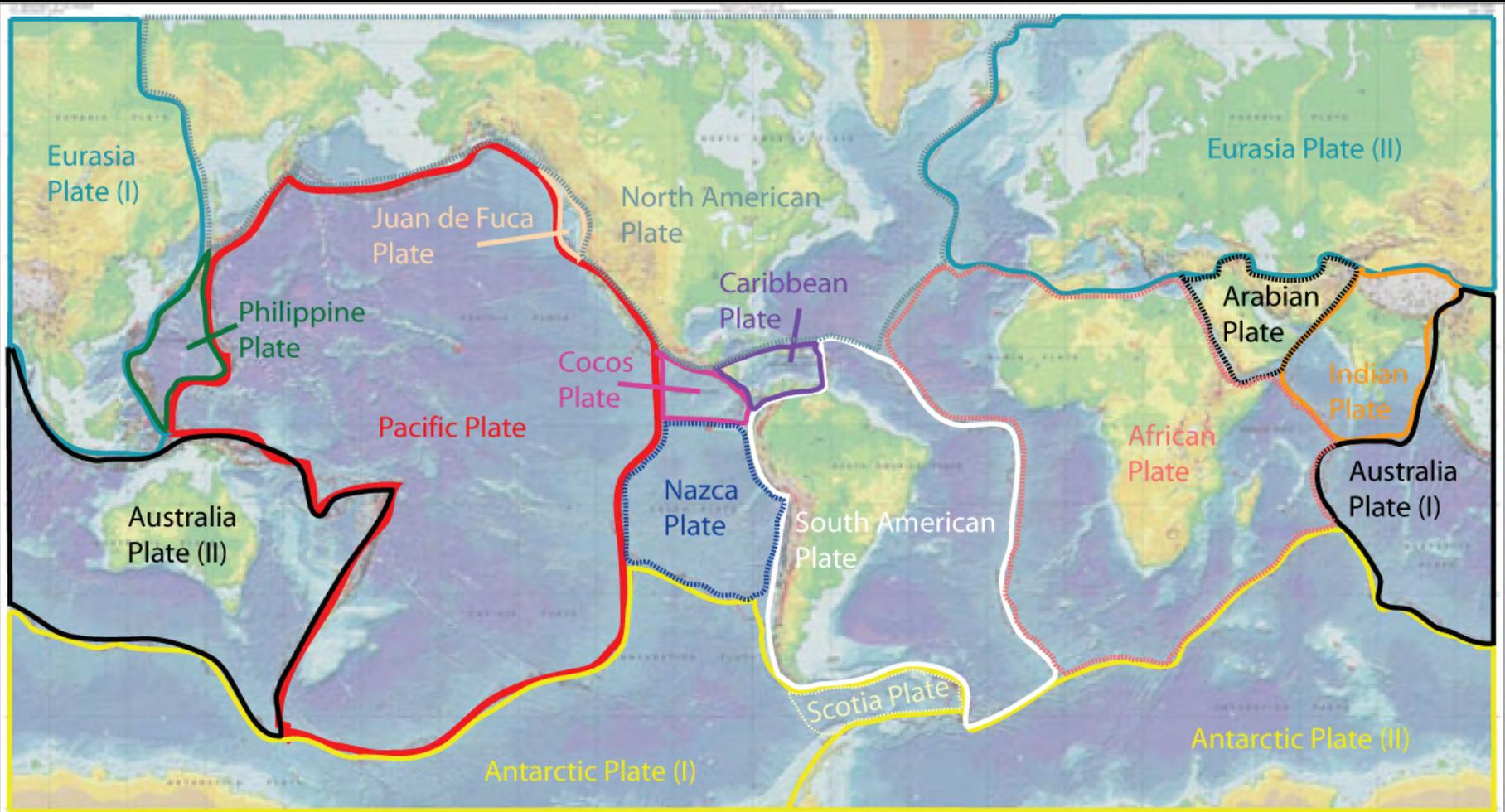
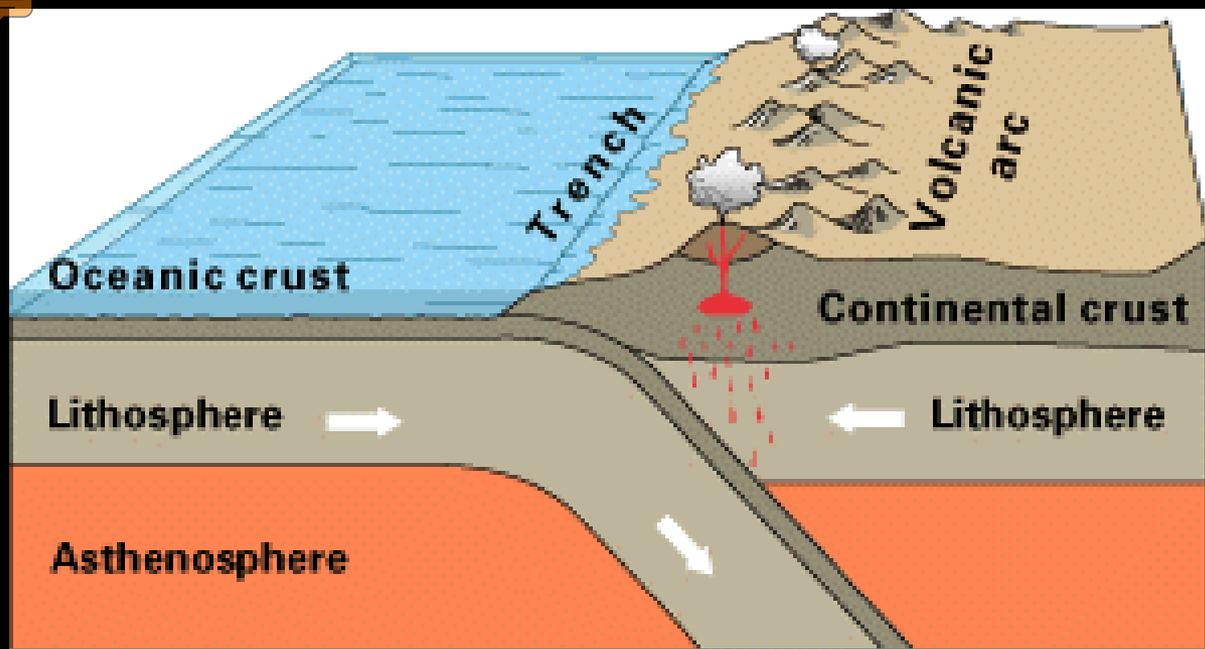




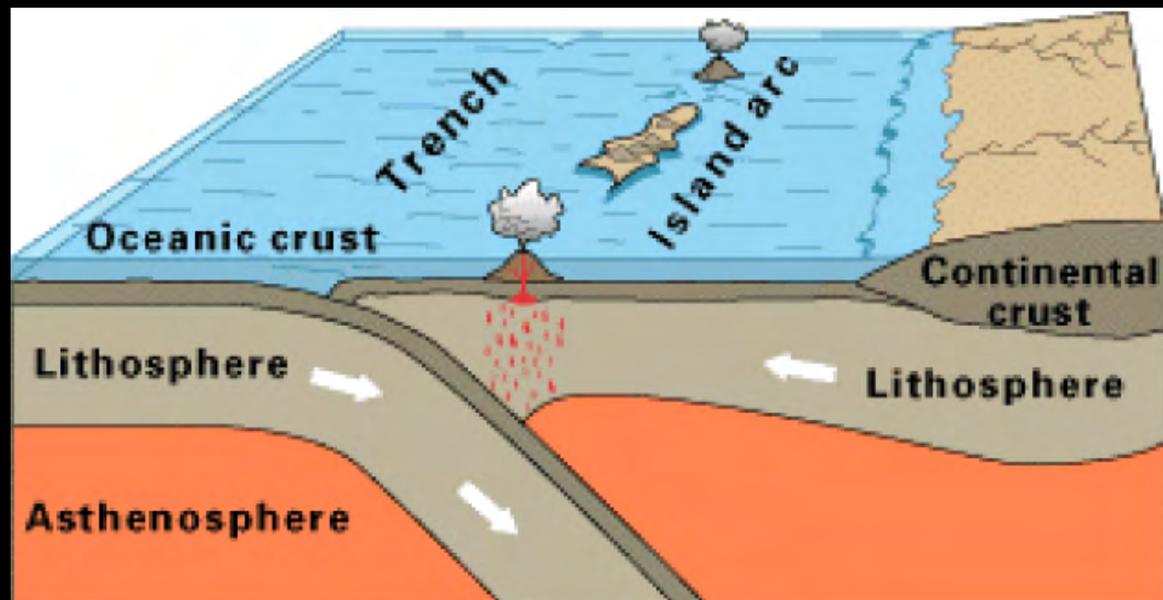
# Plate Tectonics Mapping



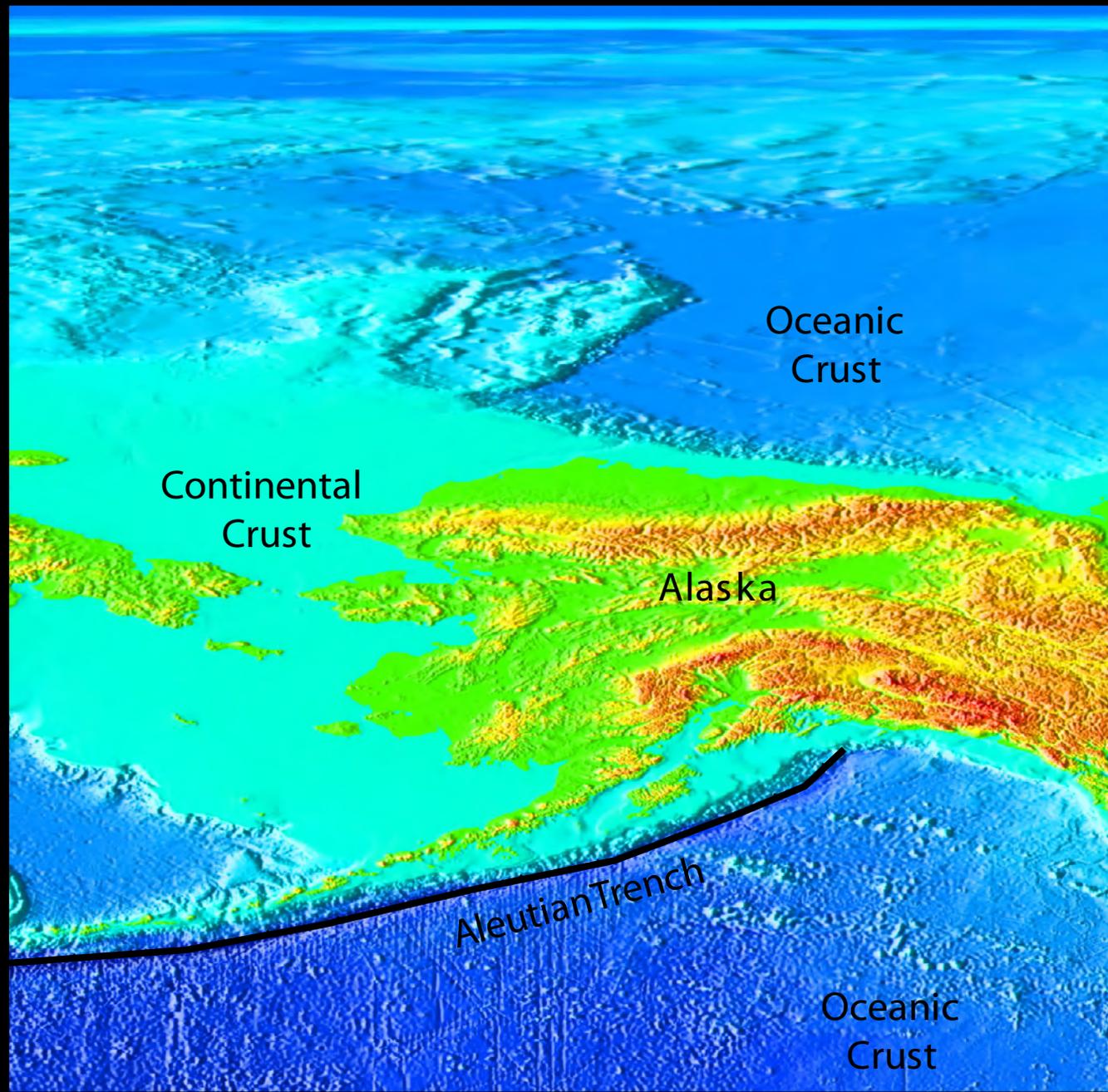




Oceanic-continental convergence



Oceanic-oceanic convergence



Continental  
Crust

Alaska

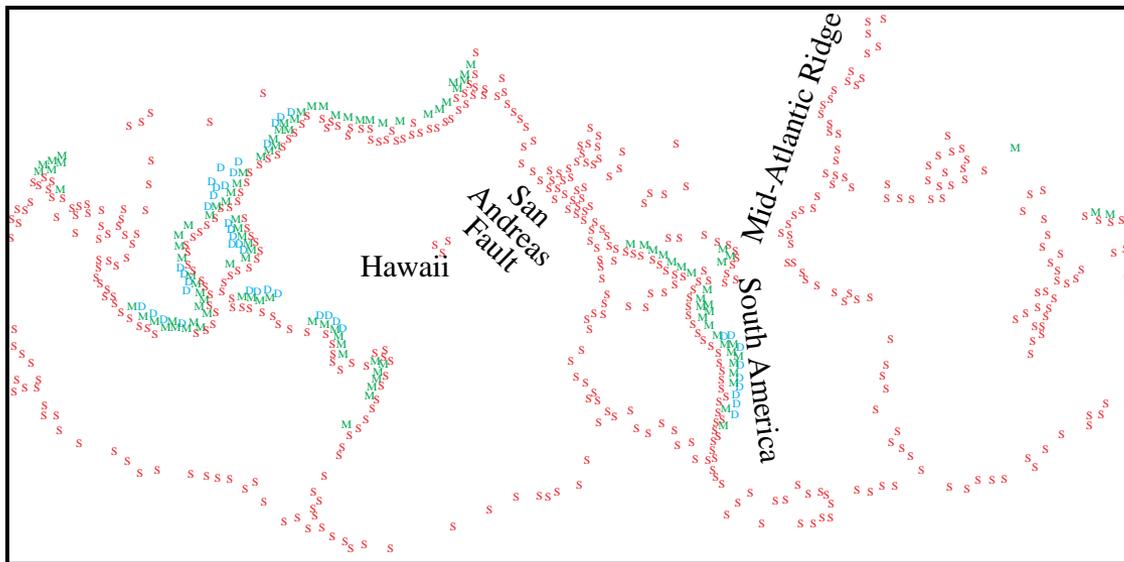
Aleutian Trench

Oceanic  
Crust

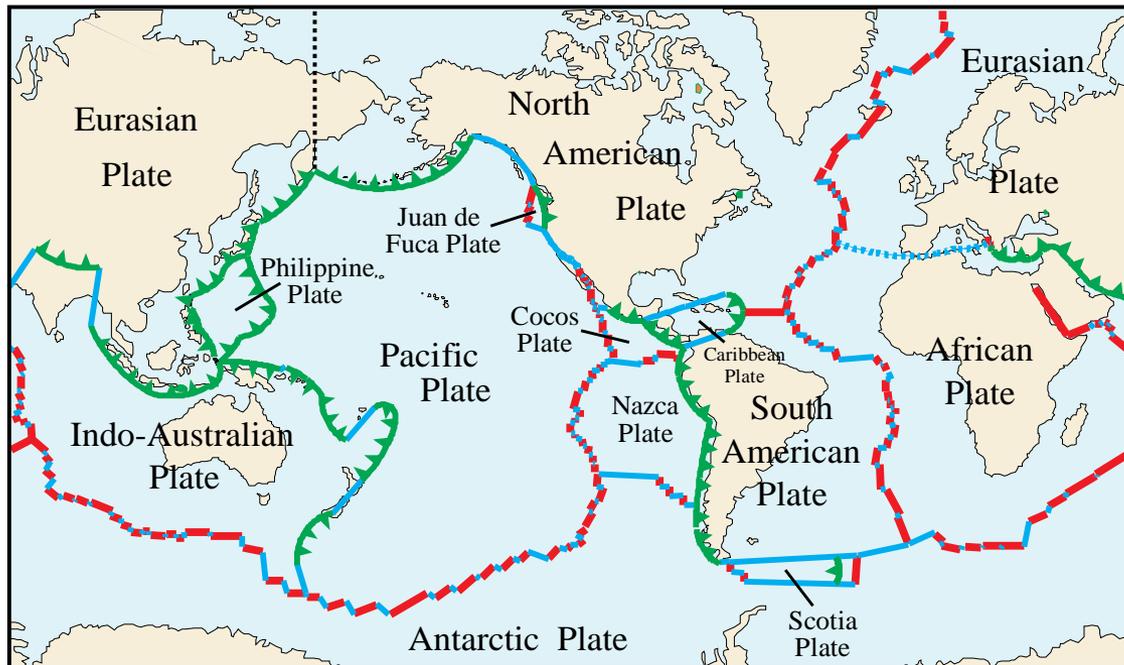
Oceanic  
Crust



# Earthquake Mapping



**S = Shallow (< 40 miles)**    **M = Intermediate (40 - 200 miles)**    **D = Deep (> 200 miles)**



**Divergent** (red dashed line)    **Convergent** (green line with teeth)    **"Teeth" on Overriding Plate**    **Transform** (blue line)

