

Epic of Evolution: Bio/EPSc/Phys 210A  
Questions, Week 5 (Feb 21 - Feb 25)  
"Earth Forces"  
Prof. Michael Wysession

1. Why do "plates" move?
2. How are plates created?
3. What happens at a subduction zone?
4. How and why are earthquakes and volcanoes distributed in a very particular way?
5. What are supercontinents?
6. How do continents grow with time?
7. How do mountains form?
8. How do oceans form?
9. What role do hot spots play in the break-up of continents?
10. What happens to sediments that are carried by rivers into the oceans?
11. Why are there ocean fossils here in St. Louis and at the tops of the Himalayan mountains?