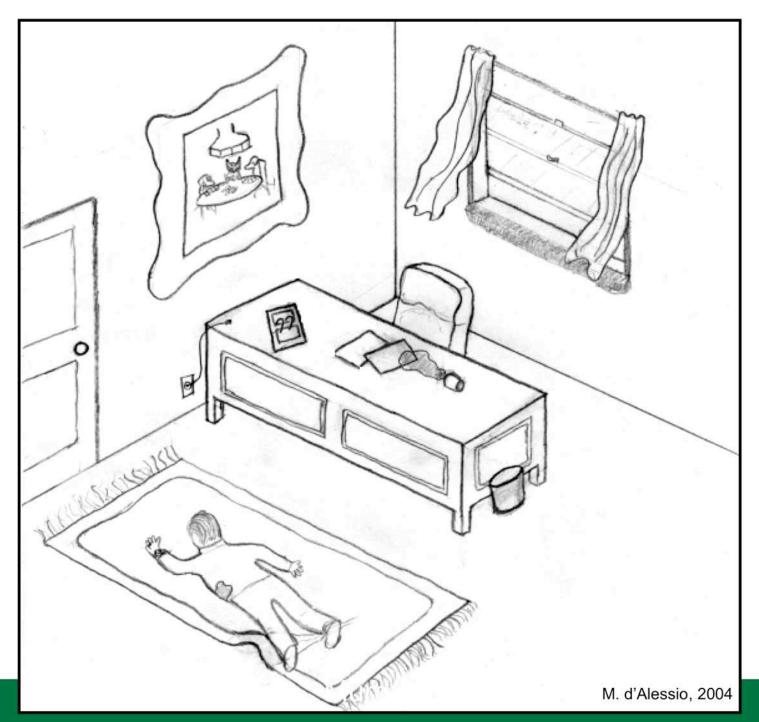


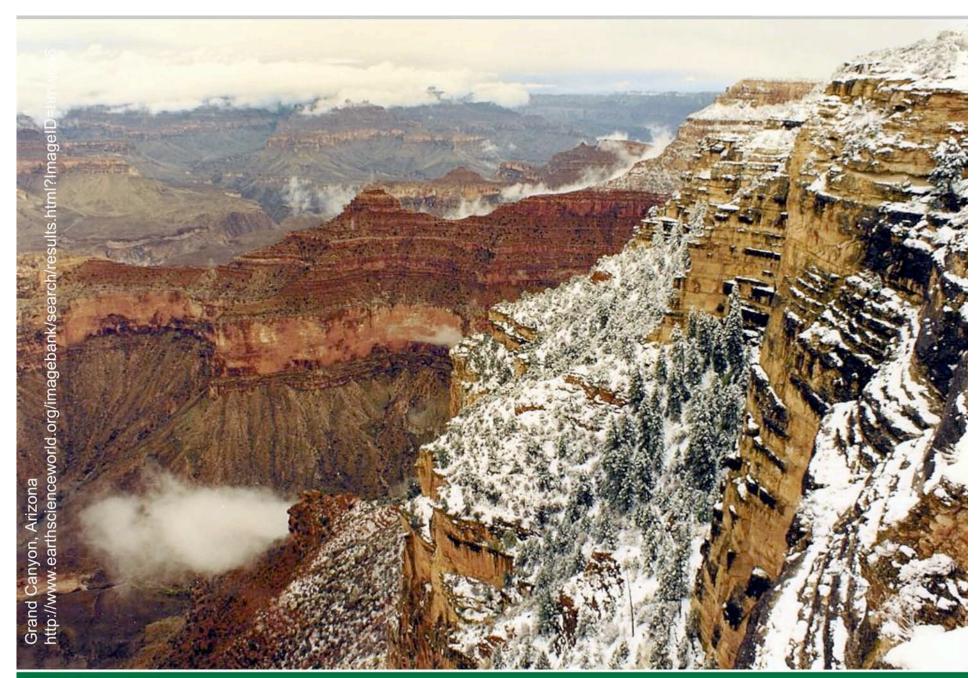


GeoSleuth

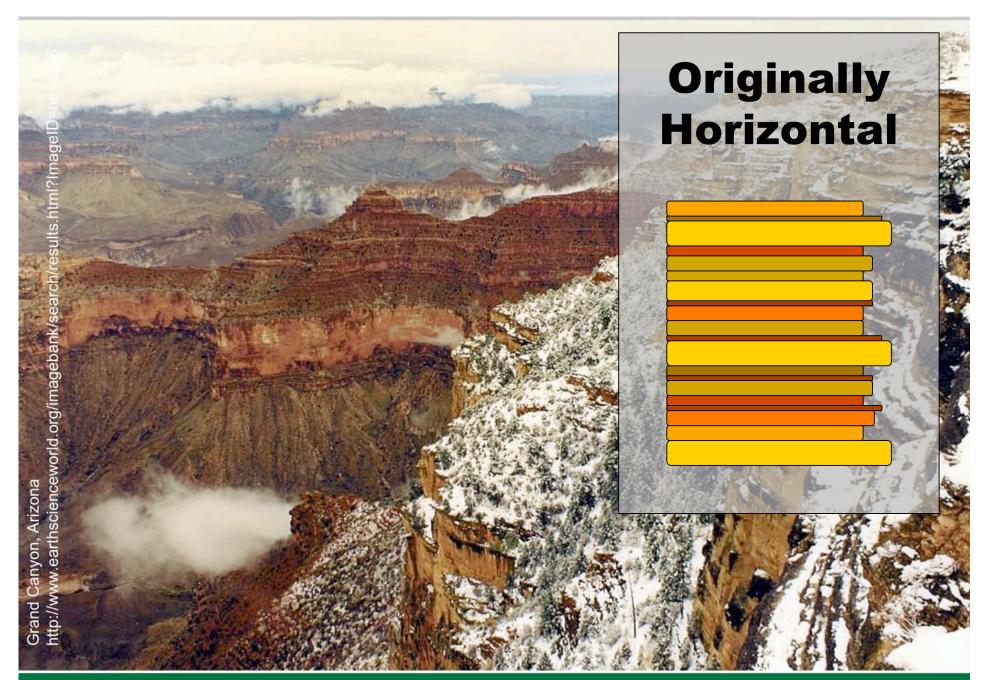




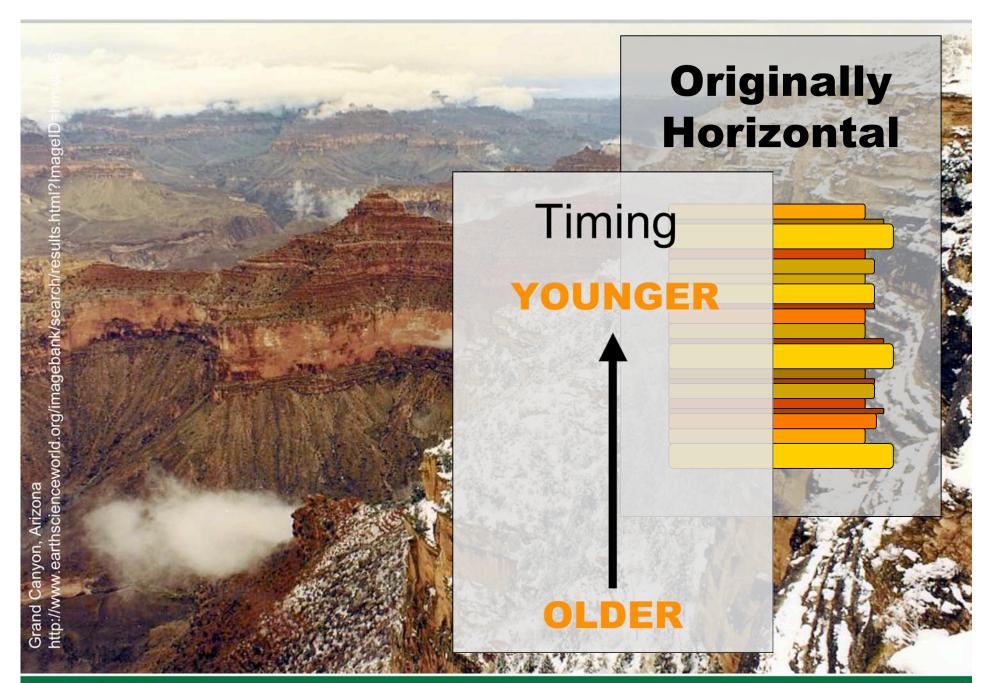












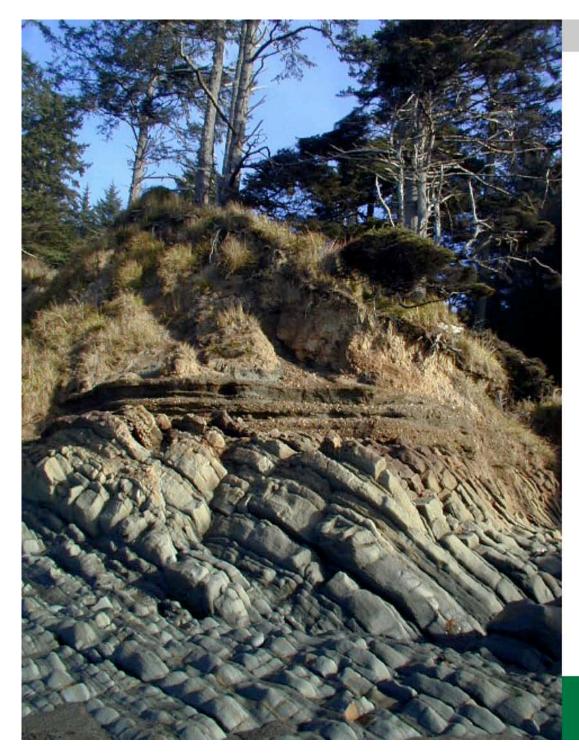






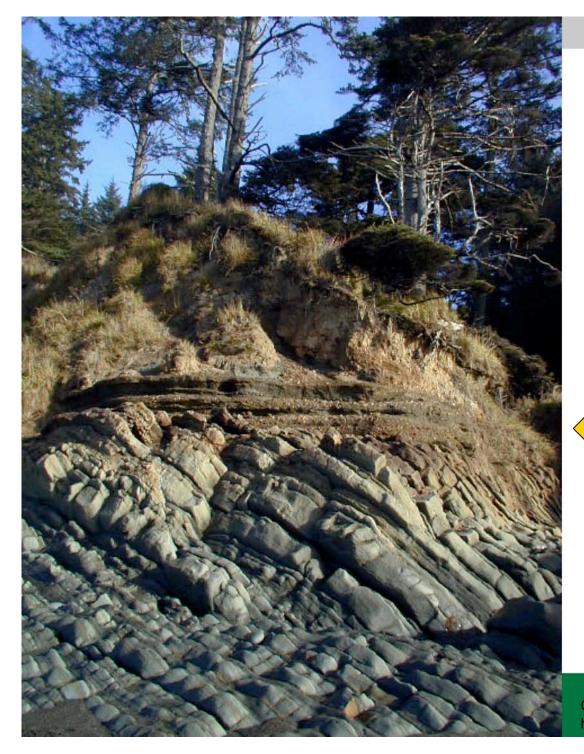




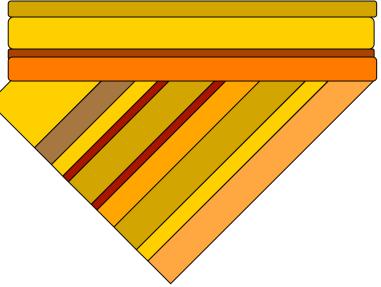


Olympic Coast, Washington: 4th Beach near Kalaloch http://patti.tensegrity.net/album/hoh/images/unconformity.jpg





Unconformity



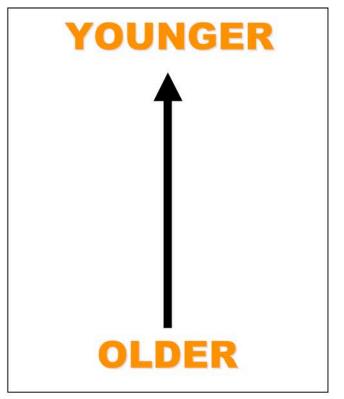
Olympic Coast, Washington: 4th Beach near Kalaloch http://patti.tensegrity.net/album/hoh/images/unconformity.jpg

Geologic Time TIMING: RELATIVE vs. ABSOLUTE Approx million years ago - began Limestone Era Period South Rim Sanstone Kaibab -Limestone Shale foroweap 270 Permian Granite Sandstone Schist Esplanade Sandstone Paleozic Supai 310 Supal Wescogame Formation Pennsylvanian Group Manakacha Formation Watahomigi Formation 350 Mississippian Devonian 400 Mauy Limestone Ionto 900 Bright Angle Indian Garden Cambrain Shale Plateau Point Tapeats Great Unconformity Sands tone Formation alerious formation Cardenas Basal Unconformity Dox Sandstone GRAND CANYON Proterozoic Shimmio Quartzile Angular Pre-Cambrian Greatest Vishnu Schist

Zoroaster Granite



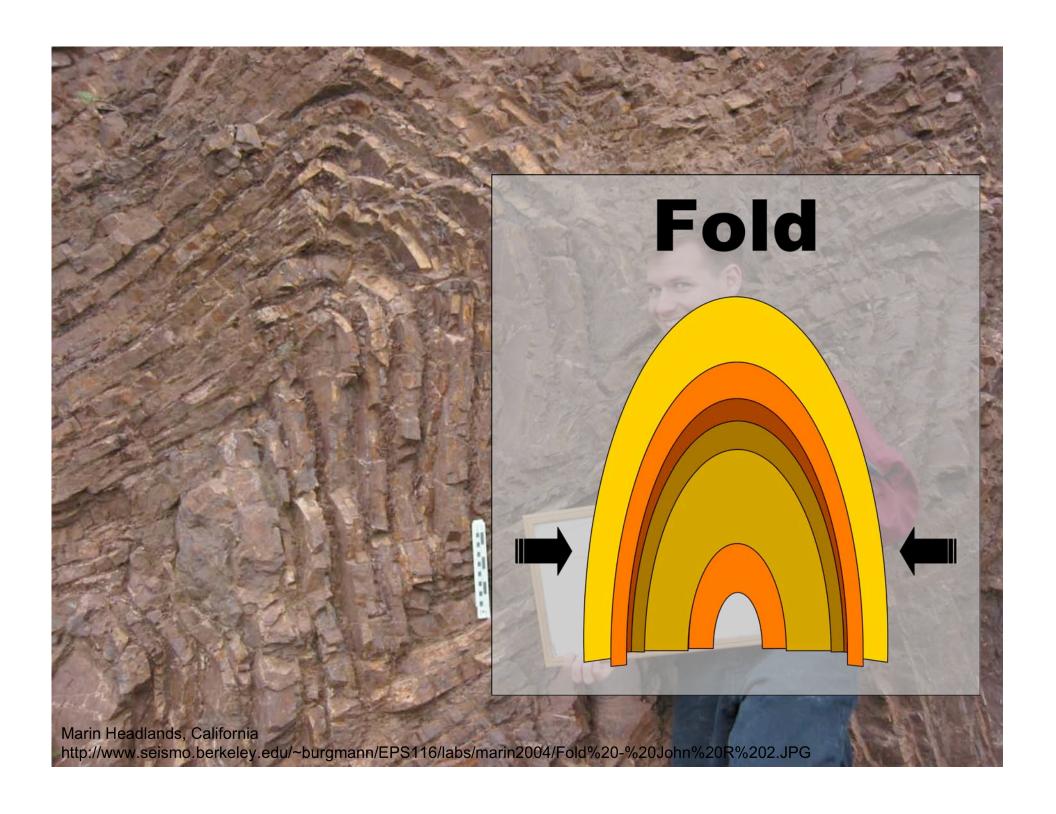
270 Million Years Old

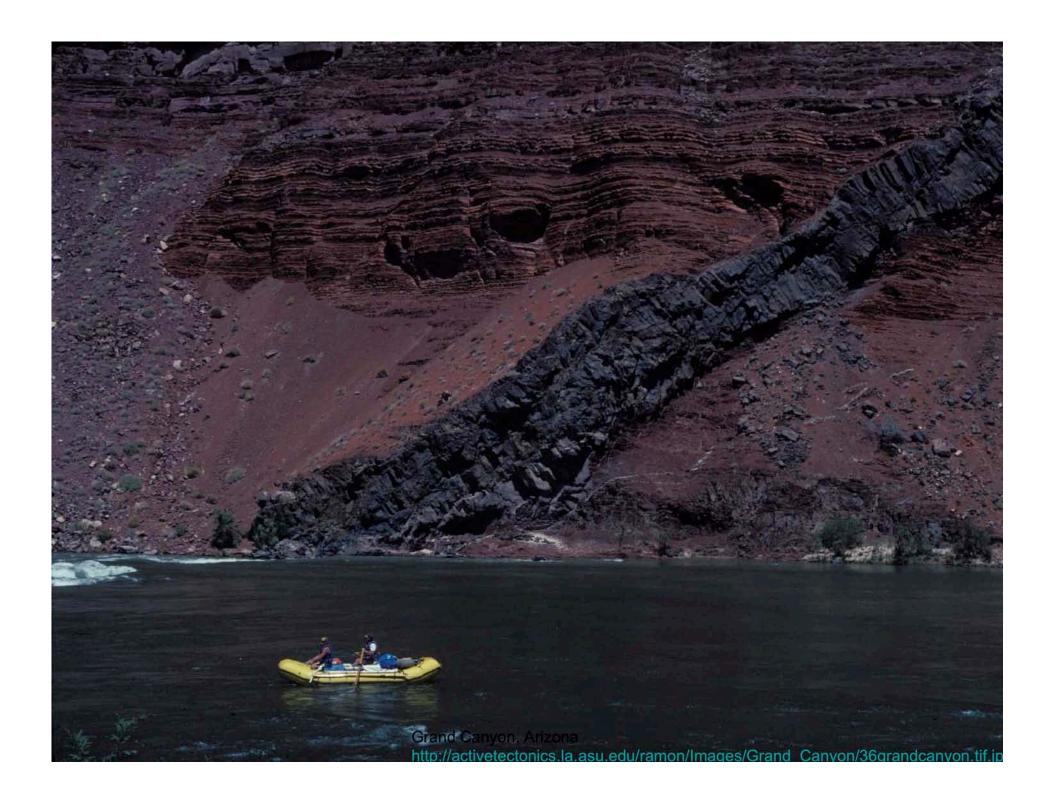


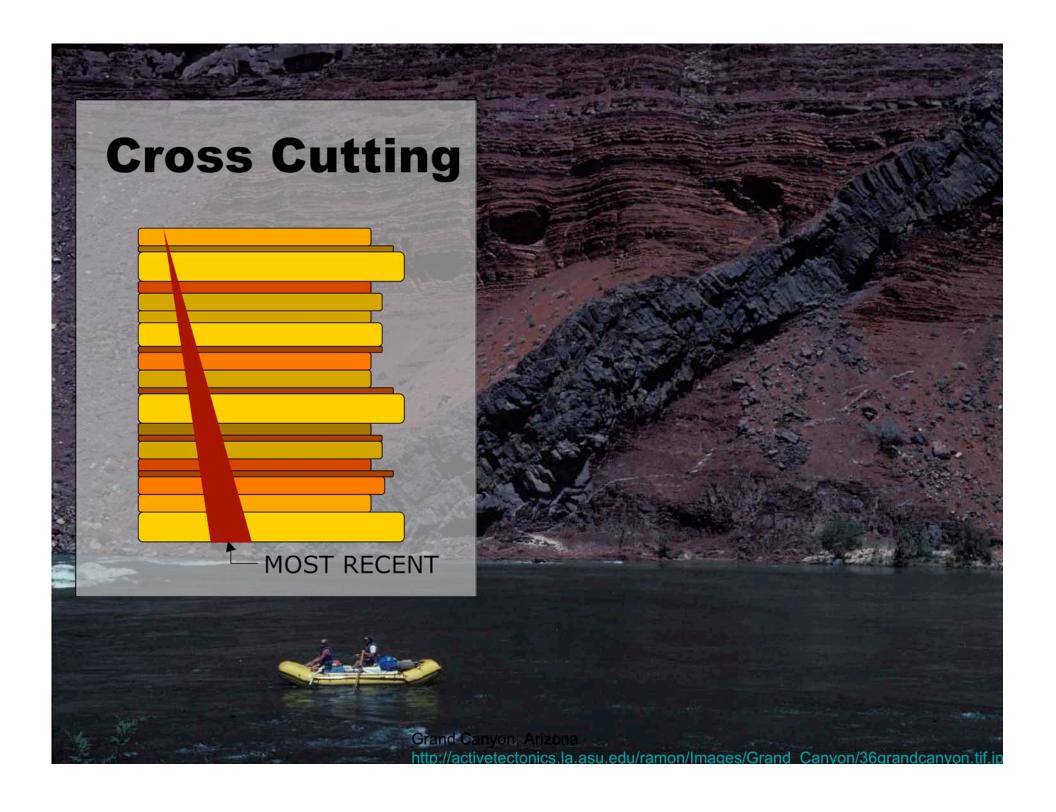
600+ Million Years Old

http://www.astro.lsa.umich.edu/users/cowley/grand33.jpg







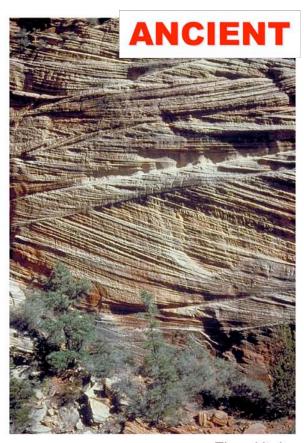




PRESENT



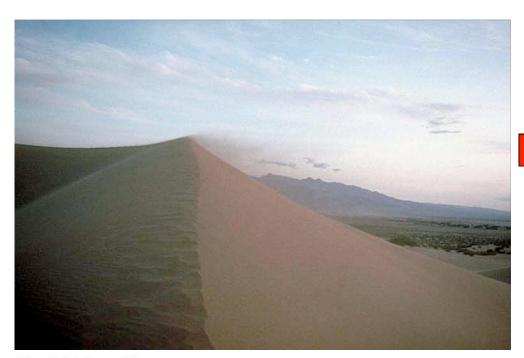
Death Valley, CA AGI Image Bank photo ha45z2



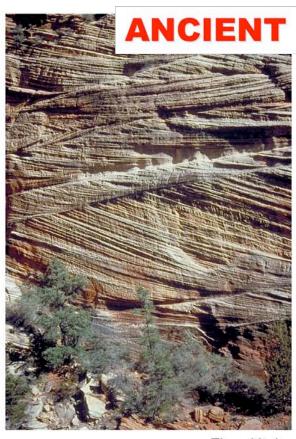
Zion, Utah AGI Image Bank photo ha45jb



PRESENT



Death Valley, CA AGI Image Bank photo ha45z2



Zion, Utah AGI Image Bank photo ha45jb

PROCESS

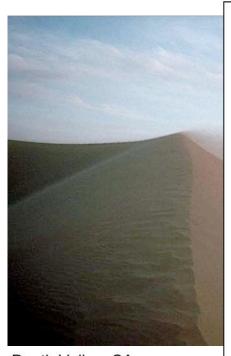
sand moves upward sand with wind deposits





PRESENT

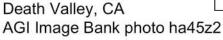




http://www.physicalgeography.net/fundamentals/10c.html

"The present is the key to the past."

> James Hutton Famous Geologist (lived 1726-1797)



Zion, Utah AGI Image Bank photo ha45jb

PROCESS

