

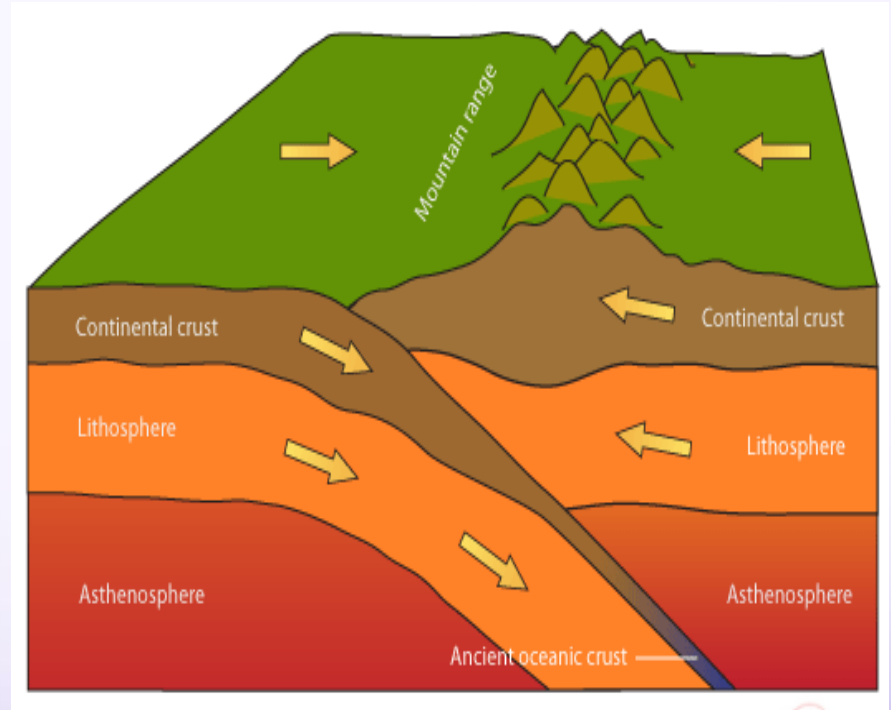
Convergent boundary

Continental and Continental Collision

Shelby Michaels

What is it?

Continental to continental collisions create large mountain ranges. Magma cannot go through thick crust, therefore there are no volcanoes. Even though magma stays in the crust, metamorphic rocks are common. With the crust colliding together continent to continent collisions bring a lot of large earthquakes.



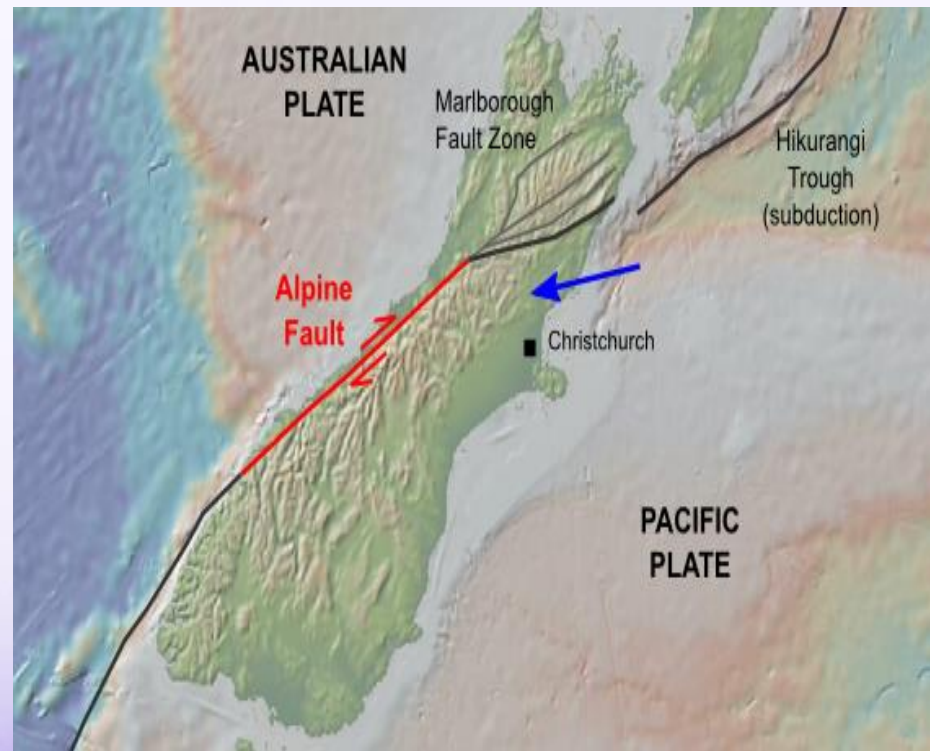
Locations Where Continental to Continental Collisions have Occurred.

Himalaya Mountains formed when the Eurasian plate and the Indian plate collided.



Locations Where Continental to Continental Collisions have Occurred.

The Southern Alps in New Zealand were formed when the Australian Plate and the Pacific Plate collided.



Locations Where Continental to Continental Collisions have Occurred.

Collision of the Eurasian Plate and the African Plate formed the Pontic Mountains.



Effects of a Continental to Continental Collision.

- Large Mountain Ranges



- Large Earthquakes

Sources

- What is it?
 - Information- http://www.ck12.org/earth-science/Continent-Continent-Convergent-Plate-Boundaries/lesson/Continent-Continent-Convergent-Plate-Boundaries/?referrer=concept_details
 - Picture- <http://www.passmyexams.co.uk/GCSE/physics/convergent-boundaries.html>
- Locations Where Continental to Continental Collisions have Occurred.
 - Information- slide 3 http://www.classroomatsea.net/general_science/plate_tectonics/cont_collision.html
 - Picture- slide 3 <http://maps-kid.com/himalayan-mountains-world-map.html>
 - Information- slide 4 and 5 http://en.wikipedia.org/wiki/Convergent_boundary
 - Picture- slide 4 <http://touristyaukland.weebly.com/plate-tectonics.html>
 - Picture- slide 5 <http://pixshark.com/pontic-mountain-map.htm>
- Effects of a Continental to Continental Collision.
 - Picture- top picture <http://www.mountainprofessor.com/the-karakoram.html>
 - Picture- bottom picture <http://www.deviantart.com/tag/himalaya>