

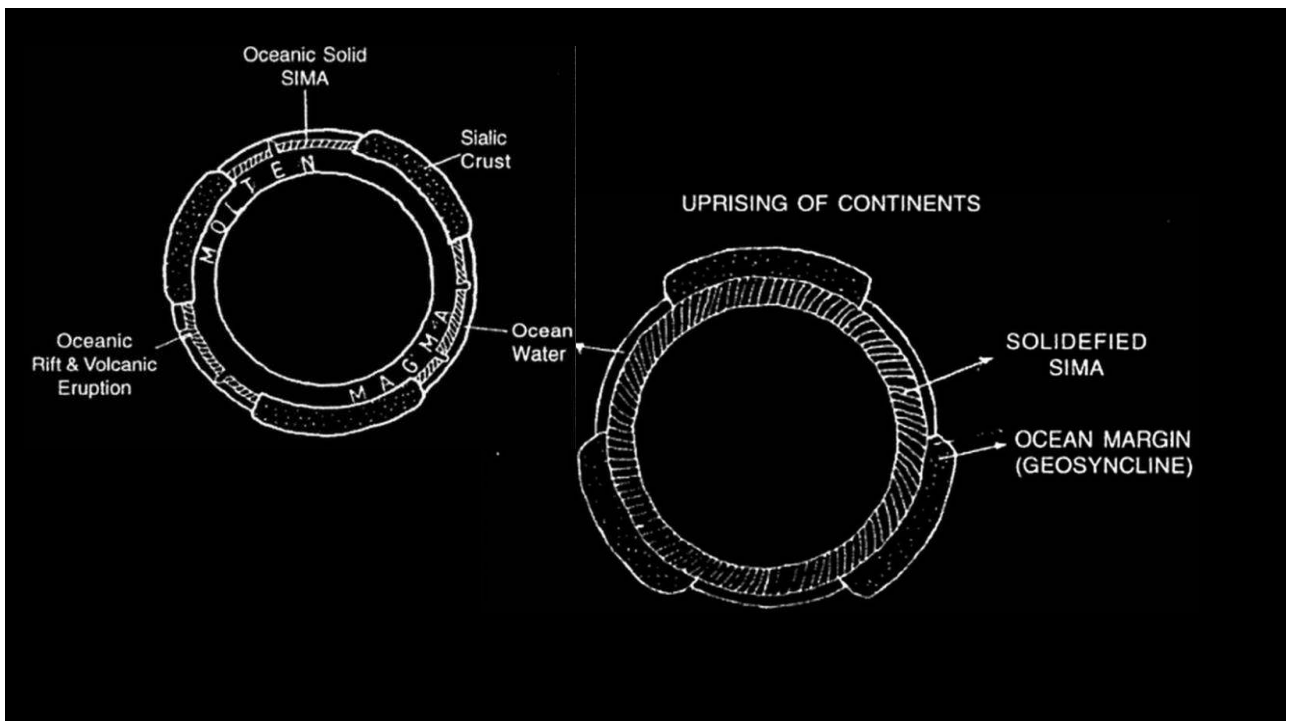
# Thermal Contraction Theory of Mountain Building by Jeffreys

- Shortening of Crust (Thinning) – Lateral
- Level of No Strain
- Ocean Cooling is More
- N-S Rocks Explained

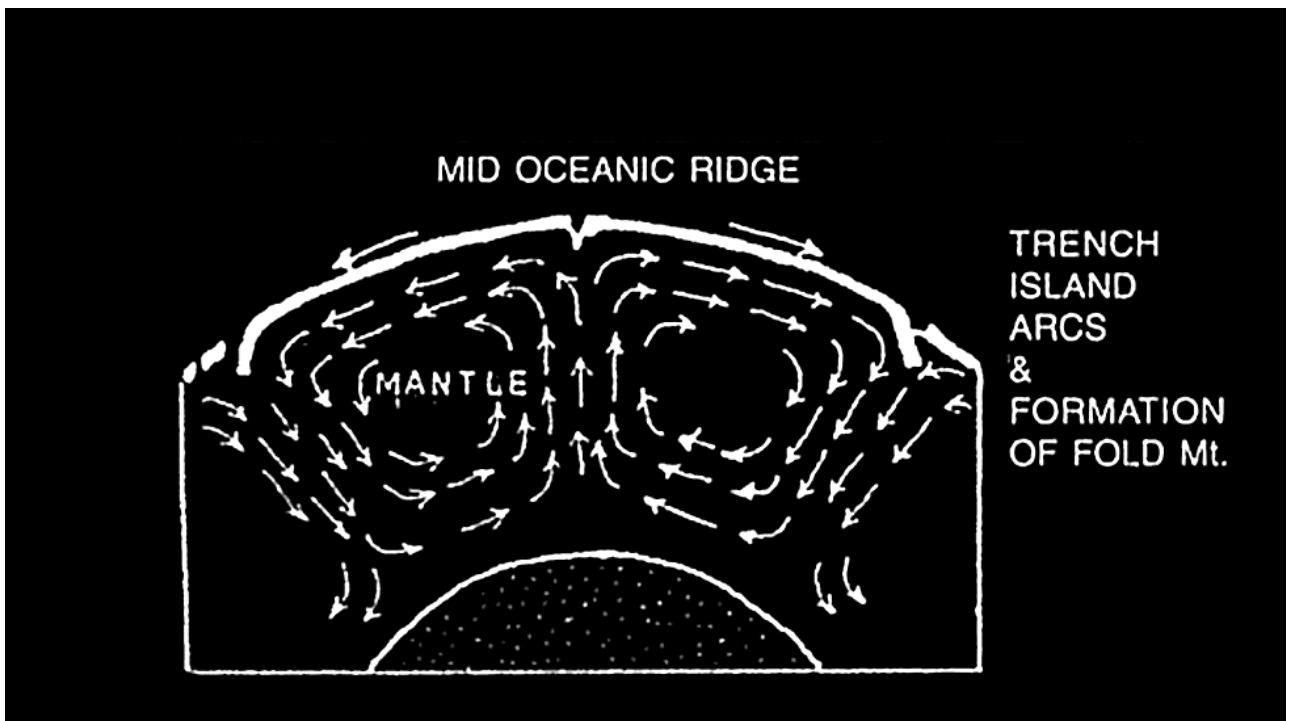
# Radioactive Theory of Mountain Building of Joly

Retention of heat below SIMA due to  
radioactivity and lack of thermal gradient  
b/w SIMA and SIAL  
Melting -> Expansion ,

- Melting of Substratum -> Max Expansion – Transgressional Sea
- Resolidification of Substratum -> Max Contraction – Regressional Sea



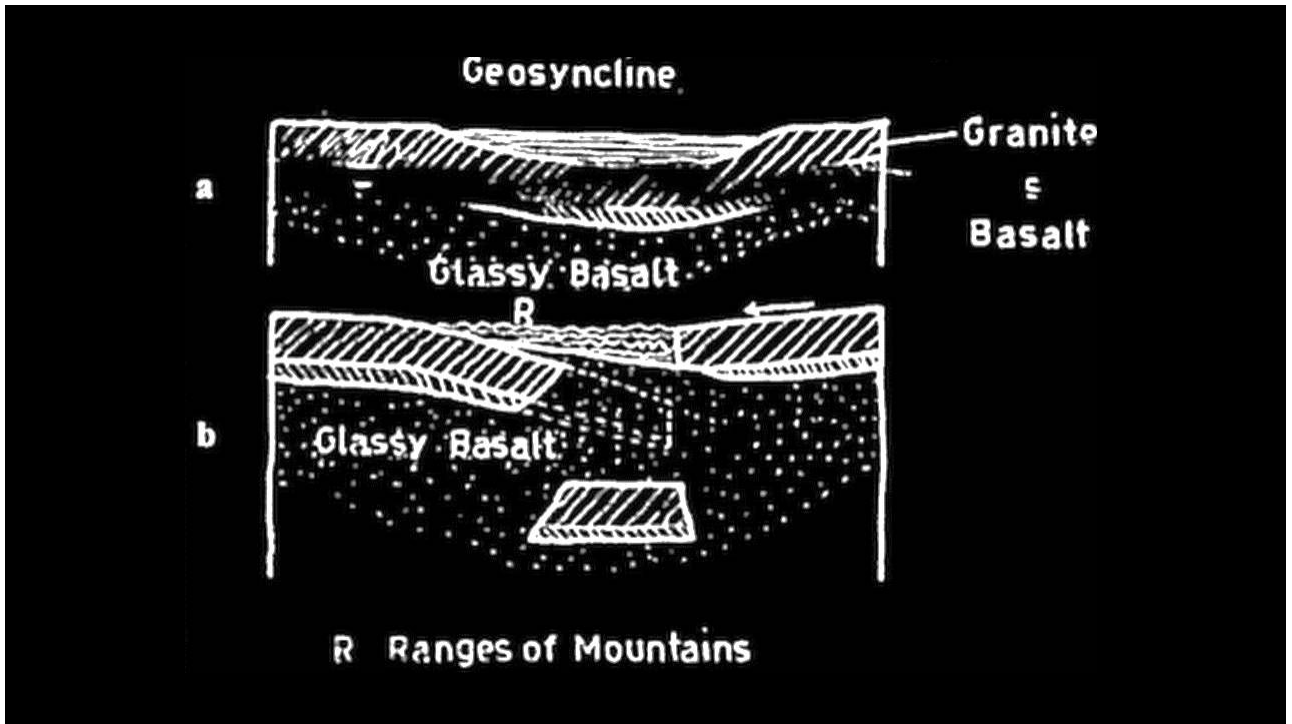
# Thermal Convection Currents by Arthur Holmes



# Continental Drift Theory of Mountain Building by Alfred Wegner

# Continent Sliding Hypothesis of Mountain Building of Daly

These slides accompany the YouTube Video Tutorial: <https://www.youtube.com/watch?v=Jr8zsOF1Ak8>



	Jeffrey	Joly	Daly	Holmes	Wegner
<b>Orogenetic Force</b>	Gradual Cooling of Earth	Radioactive – Inner Heat	Force of Gravity	Radioactive – Inner Heat Thermal Convective Current	Gravity and Tidal Forces
<b>Mechanism</b>	Thermal Contraction – Gradient in Cooling	Melting & Resolidification; Tidal Force & Friction	Collapse of Crust – Weight of oceanic water & geosyncline; force of gravity	Convection Currents - Crustal Thickness & Uneven Distribution	Crumbling on Continental Margins