

# ISOSTATIC

*Meaning: Isostatic refers to the equilibrium of the Earth's crust or structures in response to changes in pressure, such as those caused by glacial melting or geological instability.*

1. The isostatic adjustment of the Earth's crust can be observed in regions recovering from glacial melting.
2. Engineers consider isostatic principles when designing structures on unstable geological formations.
3. During the research, the team measured isostatic responses to varying load conditions in the Earth's lithosphere.
4. Isostatic rebound is a critical factor in understanding long-term geological processes and landscape evolution.
5. The concept of isostatic equilibrium helps explain the balance between tectonic forces and surface loads.

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