

# ISOSTASY

*Meaning: Isostasy is the state of gravitational equilibrium between the Earth's lithosphere and the underlying asthenosphere, allowing the crust to float at an elevation that balances the weight of the material above it.*

1. Isostasy is a key concept in understanding how Earth's lithosphere maintains equilibrium.
2. The theory of isostasy explains the balance between the crust and the mantle beneath it.
3. Variations in isostasy can be observed in regions with differing topographical features, such as mountains and plains.
4. Researchers study isostasy to better understand the geological changes that occur over time.
5. The phenomenon of isostasy plays a significant role in the formation of tectonic features and landscape evolution.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/isostasy>*