

GEOSYNCLINAL

Meaning: Geosynclinal refers to a large-scale sedimentary basin that experiences subsidence and is associated with the formation of mountain ranges and diverse fossil deposits.

1. The geosynclinal theory explains the formation of mountain ranges through the subsidence of sedimentary basins.
2. Geosynclinal regions often exhibit a rich diversity of fossilized remains due to their long geological history.
3. During the Paleozoic era, large geosynclinal troughs facilitated the accumulation of thick layers of sediment.
4. Geologists study geosynclinal features to better understand tectonic plate movements and earth's geological past.
5. The identification of ancient geosynclinal structures can provide insights into past environmental conditions and climate changes.

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