

MICROSEISMOLOGY

Meaning: Microseismology is the study of small, often imperceptible seismic waves that provide insights into the Earth's crustal dynamics and response to natural events.

1. Microseismology allows researchers to detect subtle seismic waves that are often overlooked by traditional seismic monitoring techniques.
2. The study of microseismology has revealed important insights into the Earth's crustal dynamics and its response to natural events.
3. Advancements in microseismology have significantly improved our understanding of oceanic and atmospheric interactions with seismic activity.
4. In recent years, microseismology has emerged as a vital tool for monitoring volcanic activity and predicting eruptions.
5. The application of microseismology in urban areas has helped engineers design buildings that are better equipped to withstand minor tremors.

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