



## Earthquake Hazard in Northeast India

A new study identifies **Dibang in Arunachal Pradesh, Shillong and Guwahati** among areas of Northeast India most exposed to strong earthquake shaking. **Imphal, Itanagar, Agartala and Kohima** show moderate hazard, while **Aizawl** has comparatively lower hazard.

Researchers used **Probabilistic Seismic Hazard Analysis (PSHA)**, a method that estimates the likelihood and intensity of future ground shaking. PSHA is also important for **seismic building codes** and earthquake-resilient infrastructure planning.

**APSC Relevance:** Seismic Hazard, Disaster Management