

PARLIAMENT QUESTION: Seismic Microzonation

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The cities of Delhi, Bengaluru, Kolkata, Guwahati, Jabalpur, Dehradun, Ahmedabad, Gandhidham and the State of Sikkim have been covered for seismic microzonation. Cities including Chennai, Coimbatore, Bhubaneswar and Mangalore are also covered. Additionally, cities such as Patna, Varanasi, Lucknow, Kanpur, Meerut, Agra, Dhanbad, Amritsar are in advanced stage of completion. Seismic Microzonation data is produced by the Ministry of Earth Sciences (MoES) through National Centre for Seismology (NCS) and is based on guidelines framed by MoES.

The seismic microzonation study and its results are shared with state/national disaster management authorities and Bureau of Indian Standards (BIS). NDMA conducts **awareness campaigns** and promote BIS approved guidelines and construction practices for earthquake resistant design.

NCS provides GIS-based hazard products for Seismic Microzonation. Formal, user-friendly openaccess platforms are not yet established specifically for microzonation data. However, the information of Earthquake parameters is shared in public domain through various social media such as website, X, WhatsApp, App, Facebook etc. immediately after the occurrence of the earthquakes within India and its adjacent areas.

This information was given by Dr. Jitendra Singh, Union Minister of State (Independent Charge) for Science and Technology, Earth Sciences, MoS PMO, MoS Personnel, Public Grievances & Pensions, Department of Atomic Energy and Department of Space, in a written reply in the Lok Sabha today.

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