

DISASTER MITIGATION THROUGH INSTRUMENTATION

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The natural hazards such as earthquake, landslides, snow avalanches, cyclones, floods etc which may appear at any time and damage the property & life of masses in no time, have been of major concern in India since long. The group at CSIR-CSIO is engaged in the design, development and batch production of instruments related to seismological, snow avalanche, landslide monitoring, railway safety and other geotechnical applications for the last three decades. Calibration facility for seismic instruments and sensors has also been set up in the laboratory. A network of three Seismological observatories – at Chandigarh, Nauli (Solan) and Sunder Nagar (H.P.) are operational round the clock for monitoring Seismicity in & around Chandigarh. The technologies developed by CSIO in this area are being used by various academic, research and meteorological departments.

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