

**STRUCTURAL INTEGRITY  
MONITORING**

Monitor, detect and respond to  
the impact of ground motions

**SEISMIC HAZARD &  
RISK CONSULTING**

Understand and plan for the impact  
of potential future earthquakes



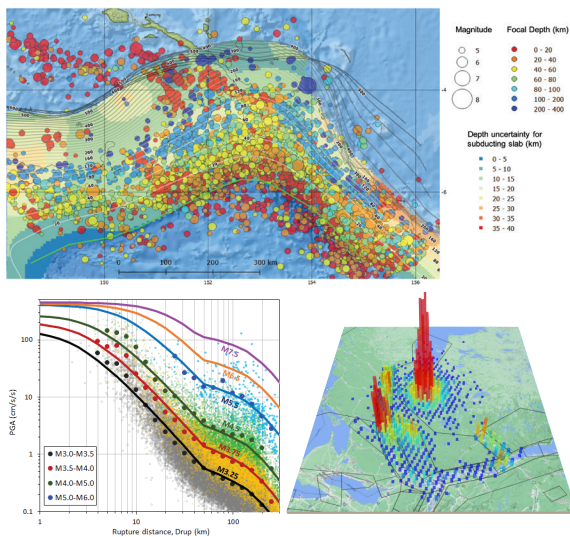
# ENSURE THE STRUCTURAL INTEGRITY & SAFETY OF CRITICAL INFRASTRUCTURE

Nanometrics offers integrated monitoring and consulting services to help critical infrastructure operators and engineering firms successfully quantify and manage seismic risk.

## STRUCTURAL INTEGRITY MONITORING

Our seismic monitoring services help you monitor, detect, respond to and assess the impact of earthquakes or ground motions on critical facilities. Provided as a turnkey service that includes instrumentation, station monitoring and maintenance, and a 24/7 intelligent data center, you'll have the data you need to help ensure the structural integrity of critical infrastructure, develop risk management strategies and initiate safety protocols.

- Ground Motion Monitoring
- Earthquake Early Warning
- Ambient Noise Interferometry
- Tilt Sensor Integration



## SEISMIC HAZARD & RISK CONSULTING

Using a multidisciplinary approach we provide a wide variety of seismic assessment services that facilitate the development and implementation of effective engineering solutions:

- Seismic Source Characterization
- Ground Motion Prediction
- Seismic Microzonation
- Site Response Characterization
- Site-Specific Seismic Hazard Assessment
- Seismic Hazard Disaggregation
- Scenario Earthquake Simulation
- Hazard-Compatible Time Histories
- Risk Assessment and Loss Estimation