



STRUCTURAL INTEGRITY MONITORING

Monitor, detect and respond to
the impact of ground motions



CONSULTING

Understand and plan for the impact
of potential future earthquakes

ENSURE THE STRUCTURAL INTEGRITY AND 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 Structural Integrity Monitoring service helps you detect, respond to and assess the structural impact of natural and anthropogenic forces on critical facilities as well as changes in material stiffness in earth structures. Delivered as a turnkey service that includes instrumentation, station monitoring and analytics via the SiteAlert platform, you'll have the data and insights needed to proactively manage seismic risk, ensure regulatory compliance and demonstrate a commitment to safety.

- Ground Motion Monitoring
- Earthquake Early Warning
- Ambient Noise Interferometry



CONSULTING

Using a multidisciplinary approach we provide a wide range of technically defensible seismic hazard assessments grounded in accepted engineering seismology principles and methodologies.

- 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

