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The International Journal of Geotechnical Earthquake Engineering (IJGEE) encourages publication and dissemination of research and development on geotechnical engineering, geophysics and geothermal engineering, pavement engineering, engineering seismology, engineering geology, disaster mitigation, and structural engineering. This journal presents original articles on the latest findings and industry solutions for those fields by the leading experts. The journal reports and archives cutting-edge research in a timely manner in the form of original research articles, review articles, technical notes, and discussion.

Topics Covered:
- Blast induced ground vibration studies
- Case histories
- Constitutive behavior of materials under dynamic loading conditions
- Design of geotechnical structures under earthquake or impact loads
- Disaster mitigation tools and planning strategies for earthquakes, tsunamis, seiches, etc.
- Dynamic behavior and seismic design of geotechnical structures, such as retaining walls, reinforced earth walls and structures, earth dams, levees, tailing ponds, tunnels, underground structures, etc.
- Dynamic soil-structure interaction
- Earthquake engineering
- Earthquake engineering reliability and risk analysis
- Engineering seismology, geology, and geomorphology studies relevant to earthquake problems
- Field, experimental, and numerical simulation of liquefaction behavior of soils
- Foundation design for earthquake loading
- Geophysics and geothermal engineering
- Geotechnical earthquake engineering
- Geotechnical Engineering
- Ground improvement techniques for mitigation of earthquake hazards
- Instrumentation and monitoring of earthquake hazards
- Landslide monitoring techniques
- Lifelines earthquake engineering
- Liquefaction
- Mathematical and numerical methods and system identification in soil dynamics relevant to earthquake phenomena
- Pavement engineering
- Practical methods including case studies, earthquake case histories, and tsunamis
- Probabilistic methods in seismology
- Project reports
- Seismic instrumentation
- Seismic microzonation principles, practices, and methods
- Seismic response of bridges and other special geotechnical structures
- Seismic response of buildings
- Seismic slope stability and landslides
- Site characterization using geotechnical and geophysical field and laboratory techniques
- Site effects and geotechnical aspects
- Site response analysis
- Soil dynamics and foundations
- Study of site response through instrumentation
- Wave propagation in soils and rocks

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