

NEW TITLE

International Journal of

Earthquake and Impact Engineering

ISSN: 2397-9372 (Print), ISSN: 2397-9380 (Online)

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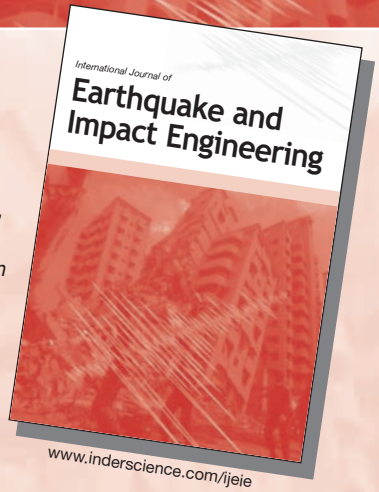
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Scope of the Journal

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Earthquake and impact engineering are essential disciplines affecting the lives and properties of citizens in many parts of the world. They aim to understand the impact of seismic loading on buildings and other structures and infrastructures, avoiding future disasters. IJEIE is a peer-reviewed research journal offering an international forum fostering discussion on all aspects of the topic. It highlights the areas of earthquake hazard mitigation, preparedness and recovery germane to practicing engineers and reflecting state-of-the-art research.



Topics covered include:

- Earthquake, structural and impact engineering
- Damaging earthquakes, new developments in regulations, national policies applied after major seismic events
- Earthquake hazard mitigation, preparedness and recovery
- Seismology, tsunamis, ground motion characteristics, soil and foundation dynamics, wave propagation
- Earthquake resistant design and retrofit of structures
- Supplemental energy dissipation, base isolation and structural control
- Lifelines and offshore structures under shock and vibrations
- Seismic code improvements
- Seismic response of bridges and other special structures
- Structural impact and failure
- Structural crashworthiness
- Blast loading and its effects on structures
- Testing/measurement techniques coupled with applications

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