



## Special Issue on Seismic Engineering

### Call for Papers

Seismic Engineering focuses on the analysis, design, and performance evaluation of structures and infrastructure subjected to earthquake-induced forces. This special issue highlights advances in seismic hazard assessment, structural dynamics, and earthquake-resistant design methodologies aimed at minimizing damage and loss. Emphasis is placed on performance-based and resilience-oriented approaches, innovative materials and control technologies, and post-earthquake assessment and mitigation strategies that enhance the safety, reliability, and sustainability of the built environment in seismically active regions.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Seismic Engineering**. Potential topics include, but are not limited to:

- Base isolation and seismic isolation systems
- Bridge and transportation infrastructure seismic engineering
- Earthquake-resistant structural design
- Energy dissipation and damping devices
- Fragility assessment and vulnerability analysis
- Masonry, concrete, and steel structure seismic behavior
- Nonlinear dynamic analysis and time-history studies
- Performance-based seismic engineering
- Post-earthquake damage assessment and risk mitigation
- Seismic hazard analysis and probabilistic risk assessment
- Seismic monitoring and early warning systems
- Seismic retrofitting and rehabilitation of structures
- Smart materials and active/passive control in seismic design
- Soil–structure interaction studies
- Structural dynamics and earthquake response analysis
- Tall building and high-rise seismic design

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Seismic Engineering**” should be selected during your submission.



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Special Issue Timetable:

Submission Deadline	April 23rd, 2026
Publication Date	June 2026

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