

Special Issue

Advances in Seismic Resilience of Infrastructures

Message from the Guest Editors

- The increasing frequency of seismic events, together with the aging and deterioration of existing structures, highlights the urgent need to enhance the seismic resilience of infrastructures. Bridges and buildings represent essential components of the built environment, yet they often exhibit significant structural vulnerabilities due to material degradation, outdated design standards, and limited maintenance.
- This Special Issue aims to collect original research and case studies advancing the design, assessment, and monitoring of structures under seismic loading. The focus is on improving the ability to understand and model the seismic response of infrastructures, to assess damage and performance, and to develop strategies that enhance structural safety and resilience over the entire life cycle.
- Particular emphasis is placed on structural and monitoring aspects, including advances in seismic design methodologies, soil–structure and foundation–structure interaction, and probabilistic assessment of seismic performance.
- We look forward to your contributions!

Guest Editors

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