

Special Issue

Seismic Performance Improvement and Energy Optimization for Structures

Message from the Guest Editors

The Special Issue focuses on the use of:

- Nondestructive methods based on sensor technology, data processing techniques, and analysis methods to get an extensive knowledge of the structural health and the operative conditions of buildings and structures;
- Choice of the optimal type of intervention for improving the performance of the structure in a seismic area, thus leading to the most appropriate control strategy and refurbishment provision, including innovative protection technologies, as effective solutions to respond to the constantly increasing performance requirements in structural design and rehabilitation.

At the same time, the Issue invites papers on new and challenging research perspectives related to the improvement of the energy efficiency capacity of structures, very important today to reduce the energy costs of a building.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)



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