



Seismic Vulnerability Assessment of Reinforced Concrete and Masonry Structures

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submissions:
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Message from the Guest Editors

Dear Colleagues,

The seismic vulnerability assessment of the existing building stock for future seismic activities relies on the development of damage prediction models based on experiences from past earthquakes. Typical damage patterns and the derivation of damage grades are derived from earthquake reconnaissance reports or laboratory tests.

The Special Issue focuses on reliable damage prognosis for buildings and structures such as masonry (contemporary and historical) and reinforced concrete (frame and wall) buildings, structural elements, engineering structures, etc. It shall support a view on damage scenarios for single buildings as well as building stocks or other engineering structures. The principal objectives of the Special Issue are: seismic vulnerability assessment of buildings, retrofitting and restoration (conservation) of buildings, methods of analysis, detailing rules, interaction phenomena between primary and secondary structural elements, as well as architectural design and detailing.

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Message from the Editor-in-Chief

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