



Seismic Analysis and Sustainable Retrofitting Interventions of Reinforced Concrete Structures

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Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

This Special Issue encompasses works related with seismic analyses and retrofitting of existing reinforced concrete structures, including numerical or experimental research works, but also case studies of real interventions. Topics of this SI include but are not limited to the following:

- Strategies for conservation and renovation;
- Digital techniques in support to diagnosis;
- Dynamic identification;
- Damage detection and prediction;
- Structural health monitoring;
- Building information modeling;
- Statistical analysis;
- Physical characterization and testing;
- Mechanical and structural testing;
- Numerical simulation;
- Probabilistic assessment;
- Historic RC constructions;
- Sustainable retrofitting strategies;
- Retrofitting techniques and solutions;
- Seismic assessment and retrofitting;
- Experimental studies;
- Codes and standards;
- Case studies.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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