

Special Issue

Concrete and Reinforced Concrete Structures under Earthquake Loading

Message from the Guest Editors

This Special Issue of *Applied Sciences*, “Concrete and Reinforced Concrete Structures Under Earthquake Loading”, is intended for a wide and interdisciplinary audience and covers recent research advances and new developments in the following topics:

- Innovative solutions for seismic and retrofitting of existing concrete and reinforced concrete structures;
- Underground structures, soil–structure interaction and foundations under earthquake loading;
- Laboratory, in situ testing and structural health monitoring of earthquake-resistant structures;
- Seismic analysis, design, retrofit and strengthening of concrete and RC structures, retaining walls, dams, slopes;
- Advanced numerical methods (finite elements and boundary elements) for linear and non-linear earthquake analysis and design;
- Design optimisation of concrete and RC structures under earthquake loading.

For further reading, please visit the [Special Issue website](#).

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About the Journal

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.

Editor-in-Chief

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