

## Special Issue

# Seismic Design and Damage Evaluation of Steel Structures

### Message from the Guest Editors

It is our pleasure to invite your submissions to the Special Issue on “Seismic Design and Damage Evaluation of Steel Structures”. In this Special Issue, we invite submissions exploring recent advances in the fields of innovative seismic-design methods and theories, reasonable structural systems, and new anti-earthquake structural measures of steel structures under strong ground motions including in bridges, buildings, and any other types of civil structures. Potential papers include, but are not limited to, the following subjects:

- Stability of steel structures under the action of earthquakes;
- Prediction of LCF/ULCF failure of steel materials and structures;
- Improvement in constitutive models for steel materials and structures;
- Seismic-performance evaluation methods and seismic-damage index of steel structures;
- Innovative seismic-response analysis of steel structures;
- New technologies in seismic reinforcement of steel structures;
- Innovative structural systems and anti-earthquake structural measures;
- Case studies on seismic design of complex steel structures.

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### Guest Editors

Prof. Dr. Xu Xie

Dr. Zhanzhan Tang

Prof. Dr. He Zhang

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### Deadline for manuscript submissions

closed (31 July 2023)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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