Special Issue

Advanced Seismic Design and Performance Evaluation of Building Structures

Message from the Guest Editor

Earthquakes can cause catastrophic losses both economic and in terms of human lives. To reduce the losses associated with earthquakes, buildings should be constructed using reliable seimic design methodologies. In addition, the pontetial danger in existing structures should be evaluated with accurate seismic performance evaluation methods and the structures should be retrofitted properly. Many advanced seismic design and performance evaluation methods have been developed. This Special Issue of *Applied Sciences*, entitled *Advanced Seismic Design and Performance Evaluation of Building Structures*, aims to cover cutting edge seismic design and performance evaluation methods and their applications, including seismic hazard analyses, numerical simulation, performance-based seismic design and assessment, and seismic loss estimation.

Guest Editor

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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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