



Seismic Analysis and Risk Assessment of Civil Engineering Infrastructures

Guest Editor:

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Deadline for manuscript submissions:

closed (20 April 2022)

Message from the Guest Editor

This Special Issue focuses on failure risk assessment of RC building structure in the seismically hazardous area. Alongside this, this issue will cover the following research themes as well:

1. Development of advanced technology for RC building to mitigate seismic damage
2. Adoption of RC building capacity strengthening new technologies like FRP, CFRP, MRT, etc. or used in an existing under-designed or damaged RC building
3. Effect of seismic response reduction compared to the existing model technique with and without the application of seismic mitigation systems
4. Derive a simple system to improve the seismic safety evaluation under hazard consideration
5. Seismic reliability-based safety evaluation
6. Determination of most failure contribution IM of seismically induced structure
7. Generating computational tools for the proposed methodology





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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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