Special Issue

Advanced Research in Seismic Resilience of Structures and Infrastructures

Message from the Guest Editors

In recent years, several countries have experienced heavy damages produced by earthquakes on existing structures designed considering only gravity loads. In some cases, new structures designed according to recent international seismic codes have also exhibited inadequate levels of seismic performance, especially in terms of serviceability limit state. Moreover, most economic loss associated to earthquakes is often strongly correlated to damage of nonstructural elements.

This Special Issue aims to collect high-quality papers on advanced research on seismic resilience of structures and infrastructures (including buildings, bridges, cultural heritage, strategic life lines, etc.) dealing with different topics. In particular, recent research on seismic input definition, influence of dynamic soil–structure interaction, structural retrofit, passive control of structures, structural health monitoring, damage detection, and new structural systems toward earthquake-resilient structures is welcome for this interdisciplinary Special Issue.

Guest Editors

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Dr. Rocco Ditommaso

Deadline for manuscript submissions

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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.

Editor-in-Chief

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