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Life Safety Techniques for Earthquake Events—Alternative Approaches to Overall Building Strengthening

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Message from the Guest Editors

In most countries with relevant seismicity, a significant part of the building stock does not comply with modern design codes, namely in respect of earthquake strength.

The ideal approach to this structural safety problem would consist of strengthening all vulnerable buildings with a heritage or architectonical interest or even demolishing them and building new ones if none of these values are recognized. However, these approaches are very intrusive and expensive and may not be implemented in due time.

In this context, low-intrusive and low-cost life-safety techniques have been designed and developed to allow protecting buildings' occupants without requiring buildings to undergo overall structural strengthening.

The main purpose of this Special Issue is to attract world-leading researchers in the area of "Life Safety Techniques for Earthquake Events—Alternative Approaches to Overall Building Strengthening" and to spread their latest developments.

- earthquakes
- life safety
- life protection
- buildings
- collapse

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Special Issue

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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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