

Special Issue

Robust and Resilient Structures for Sustainable Development

Message from the Guest Editors

The concept of sustainability in building structures is not limited to energy conservation and recyclable/renewable resources and materials. However, when subjected to abnormal loads, vehicle impacts, design and construction errors, and blast loading, structures should be robust and resilient. Moreover, in the existing infrastructure, robustness and resilience are not only a matter of withstanding man-made and natural disasters but adjusting to a new functions and use, thus achieving the goal of sustainability. This Special Issue aims to provide the engineering community with articles that cover aspects of structural robustness and resilience using various approaches, including experimental, numerical, analytical, and machine learning methods. The approaches are helpful in studying the response of structures to further deepen the understanding of the proposed subject. The are hopeful that the readers will find the articles of this Special Issue appealing and beneficial for research and practice purposes. This Special Issue invites the submission of articles on the resilience and progressive collapse of buildings that are related.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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