



Robust and Resilient Structures for Sustainable Development

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Message from the Guest Editors

Dear Colleagues,

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 Guest Editors 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

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