Special Issue

The Adaptability of Residential Planning and Design to World-Changing Events

Message from the Guest Editors

In recent times, the world has been hitten by a series of world-changing events. As history tells us, architecture, design, and engineering disciplines have always sought to develop original solutions to challenges posed by extreme events/phenomena. These solutions are visible, particularly in urban residential buildings, whose origins are linked to the history of world-changing events, whether they relate to public health, as a result of extreme climate events, or even as an emergency response caused by an armed conflict. This Special Issue on “The Adaptability of Residential Planning and Design to World-Changing Events” aims to compile state-of-the-art knowledge on this matter and provide a global perspective on new approaches and solutions in the residential context as a response to short-, medium-, or long-duration events, with the potential to pave the road to more resilient buildings and neighborhoods, and press for higher architectural, constructive, and environmental standards. Theoretical and experimental work resulting in research articles, case studies, and comprehensive review articles are suitable for publication.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2023)

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/152408

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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