Special Issue

Urban Infrastructure and Resilient, Sustainable Buildings

Message from the Guest Editors

Global cities are increasingly confronting a barrage of natural disasters and man-made threats, stemming from the far-reaching impacts of climate change, rapid urbanization, and regional conflicts. Effectively addressing these multifaceted challenges and bolstering the resilience and sustainability of our built environment have emerged as paramount priorities. This *Special Issue* is dedicated to propelling buildings, infrastructures, and cities towards heightened resilience and sustainability, arming them with the latest in cutting-edge research. We extend a warm invitation to scholars from across the globe to contribute innovative theoretical, methodological, and empirical research papers that may encompass a wide spectrum of themes, ***including, though not limited to, the conceptualization, interpretation, comparison, modeling, assessment, and analysis of urban infrastructure and resilient, sustainable buildings***. We place a special emphasis on practical solutions that pave the way for the future development of cities and society.

Guest Editors

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Deadline for manuscript submissions

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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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