



## Climate Change and the Built Environment: Towards Sustainable Development and Resilience

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### Message from the Guest Editors

Current climate scenarios call for the implementation of adaptive actions in order to achieve resilient environments and societies able to withstand and recover from the impact of extreme events. Nevertheless, adaptive solutions must be integrated with disaster risk management, spatial and urban planning, adaptive management, and climate change policies. An adequate selection of effective, low-carbon solutions that are compatible with the built environment will minimize the vulnerability and risk and lead to sustainable conservation of the urban areas. Furthermore, any potential intervention must follow the Sustainable Development Goals (SDGs).

As urban planning, building systems, and climate evolution operate on different temporal horizons and spatial scales, the development of comprehensible, manageable, accurate, predictive, low-cost models that can link various fields and facilitate the representation and understanding of their interactions has become fundamental, as has the use of multicriteria decision making (MCM) methodologies with an objective, integrated, holistic perspective.

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