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Strategies for Sustainable Urban Development

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Message from the Collection Editors

Dear Colleagues,

The aim of this Special Issue is to present the latest research findings and ideas with respect to the theme of strategies for sustainable urban development to readers globally.

The pursuance of sustainable urban development is a dynamic and long term mission as new challenges against the mission continuosly appear. The development of new technologies in the digital era presents opportunities for discovering strategies that are more capable in addressing these challenges. These strategies cross a wide range of dimensions, including governance, economic measures, technical methods, management mechanism, and other aspects.

The inclusion of these research studies on this specific theme in the journal will provide valuable theories and technologies for designating effective methods for promoting sustainable urban development.

This collection belongs to the Architectural Design, Urban Science, and Real Estate Section.

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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.

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