

## Advances in Sustainable and Smart Cities

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### Message from the Guest Editors

The demand for more liveable, workable, and sustainable cities, presents a major modern and future challenge. Smart cities may have substantial unrealised potential, representing the way forward in addressing such challenges while achieving a sustainable city model.

This Special Issue will contribute to the body of evidence on smart sustainable city development, embracing an integrated vision of a climate-neutral, circular, and digitalised built environment approach. We hope this special issue will help researchers and practitioners identify new successful approaches and solutions to current challenges and limitations as well as potential users in understanding how can they effectively apply these trends in order to realise sustainable and smarter city development.

For further reading, please follow the link to the Special Issue Website at:

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# Special Issue

## Editor-in-Chief

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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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