Special Issue

Smart Technology Applications for Sustainable Urban Futures

Message from the Guest Editors

This Special Issue explores the emerging intersection between smart technologies, immersive technologies, and sustainable built environments, with a focus on advancing human-centred sustainability goals. Rapid technological advancements are reshaping how we design, experience, and govern cities, neighbourhoods, and homes. This Special Issue critically examines how these digital innovations can foster more resilient, inclusive, and healthy environments, ranging from smart cities and public spaces to sustainable homes and high-performance buildings.

We welcome contributions that explore intelligent systems and smart technologies, with applications in urban resilience, public engagement, participatory codesign, and data-driven urban planning, alongside their role in enhancing energy efficiency, well-being, and environmental sustainability. This Special Issue aims to address social equity, environmental performance, and urban liveability—offering both theoretical and applied insights into the future of sustainable urban and residential environments.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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