

Special Issue

Sustainable Urban Development and Carbon Emission Efficiency

Message from the Guest Editor

Sustainable urban development and carbon emission efficiency are integral components of contemporary urban planning and environmental management strategies. At the heart of sustainable urban development is the goal of reducing those carbon emissions that are associated with urban activities. One key aspect of sustainable urban development is promoting alternative transportation modes to reduce reliance on private vehicles.

Additionally, improving the energy efficiency of buildings is critical for reducing carbon emissions in urban areas.

Waste management also plays a crucial role in carbon emission efficiency.

Moreover, preserving and expanding green spaces within urban and peri-urban areas can enhance carbon sequestration, improve air quality, and mitigate the urban heat island effect.

This Special Issue seeks to promote sustainability in urban environments, leveraging technologies, policies, and the principles of the circular economy to achieve decarbonization and advance towards a more resilient and environmentally friendly urban future.

Guest Editor

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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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