Special Issue

Waste Management Practices and Renewable Energy Pathways for Sustainable Urban Systems

Message from the Guest Editors

Urban areas are at the forefront of today's sustainability challenges, as rapid population growth, industrialization, and consumption patterns result in escalating volumes of municipal solid waste while simultaneously driving an urgent demand for clean, renewable sources of energy. These twin pressures place immense stress on existing infrastructure and governance systems, requiring new approaches that not only address waste management as an environmental necessity but also recognize its potential as a resource for energy generation and urban resilience. This Special Issue aims to explore the diverse ways in which waste management practices can be integrated with renewable energy pathways to foster circular economies, reduce greenhouse gas emissions, and support resilient and sustainable urban development.

Guest Editors

Dr. Diego Gabriel Rossit
Dr. Vanessa De Almeida Guimarães
Dr. Balasubramanian Sambasivam

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Urban Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
urbansci@mdpi.com

mdpi.com/journal/urbansci

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Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of "science" includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Luis Hernández-Callejo
Department of Agricultural and Forestry Engineering, University of Valladolid, Campus Duques de Soria, 42004 Soria, Spain

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