

Special Issue

Optimizing the Water-Energy Nexus for Future-Ready Cities: Pathways to Sustainability

Message from the Guest Editors

The Special Issue explores the scientific foundations and importance of the water–energy nexus, which lies at the intersection of environmental science, engineering, urban planning, and policy studies. This field examines the interconnectedness of water and energy systems, which are fundamental to urban infrastructures. This Special Issue aims to bring together cutting-edge research that explores innovative strategies, technologies, and policies to enhance the efficiency and sustainability of water and energy usage in urban areas. Urban infrastructure, water management practices, and energy systems are becoming increasingly interconnected, with advancements in smart technologies, the integration of renewable energy, and climate resilience playing a crucial role in shaping how cities manage these resources. Furthermore, addressing social equity and policy dimensions is crucial to ensure that the benefits of a more sustainable water–energy nexus are equitably shared across urban populations. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Juan Ignacio Torregrosa-López

Dr. Paola Andrea Alvizuri-Tintaya

Prof. Dr. Vanesa Gladys Lo Iacono Ferreira

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

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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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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