

Special Issue

Energy Efficiency and Environmental Sustainability in Cities

Message from the Guest Editors

Rapid urban and infrastructure growth poses enormous challenges for the environment. Cities are responsible for over 70% of greenhouse gas emissions, consume approximately 80% of the world's energy, and generate the majority of global waste. They are becoming a key area for the implementation of sustainable development principles. Environmental sustainability in cities involves limiting the negative impact of human activity on the environment through the rational use of energy, the reduction of pollutant emissions, and the development of environmentally friendly infrastructure. The energy transition plays a significant role here, involving a shift from traditional energy sources to renewable energy sources, such as solar, wind, and geothermal energy. This SI invites researchers to present research findings and innovative solutions regarding sustainable urban development, based on the efficient management of energy resources in urban areas, taking into account economic, social, and environmental aspects. Assessing the impact of sustainable energy on socioeconomic and environmental factors can also provide valuable insights into energy development, and effective policy implications.

Guest Editors

Dr. Iwona Bąk
Dr. Milena Bera
Dr. Monika Śpiewak-Szyjka

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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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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
School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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