



Green Building Energy System Integration and Eco-Friendly Urban Development

Guest Editors:

Message from the Guest Editors

Dr. Jessica Fernández-Agüera

TEP 130: Arquitectura,
Patrimonio y sostenibilidad.
Instituto Universitario de
Arquitectura y Ciencias de la
Construcción. Escuela Técnica
Superior de Arquitectura,
Universidad de Sevilla, 41015
Sevilla, Spain

**Dr. Samuel Domínguez-
Amarillo**

Instituto Universitario de
Arquitectura y Ciencias de la
Construcción, Escuela Técnica
Superior de Arquitectura,
Universidad de Sevilla, 41015
Sevilla, Spain

Deadline for manuscript
submissions:

closed (20 April 2024)

With climate change, pandemics, pollution, and energy scarcity overwhelming urban ecosystems, we need to question how citizens can not only stay comfortable, but also thermally safe and healthy over the coming decades. Likewise, given the current and potential future global disease crises, it is more necessary than ever to ensure safe indoor and outdoor environments (pollution-free, energy reliable and with thermal comfort), especially for the most vulnerable (aged population, children, impoverished sectors, etc.). Cities play a key role in dealing with diseases, heat waves, and other stress factors affecting citizens. It appears that with the help of new energy technologies, materials, nature integration, and renewed approaches, it is now possible to implement the capabilities for cities to take the next step. We must question previous approaches and find new answers on integrated strategies for a sustainable evolution of urban environments and the role of the buildings within them.

This Special Issue welcomes original research papers, reviews, and case studies on the topic and short discussions.





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)