



ZEMCH International Research Series

Collection Editors:

Prof. Dr. Haşim Altan

Prof. Dr. Shaila Bantanur

**Prof. Dr. Carlos Torres
Formoso**

Prof. Dr. Antonio Frattari

Dr. Arman Hashemi

Prof. Dr. Jun-Tae Kim

Dr. Masa Noguchi

Dr. John Odhiambo Onyango

**Prof. Dr. Kheira Anissa Tabet
Aoul**

Prof. Dr. Sara Jane Wilkinson

Message from the Collection Editors

Sustainable housing design today is encountering complex challenges with the requirement to improve not only the physical performance and affordability of the built environments but also humans' mental health and wellbeing. Housing is indeed a system of energy and environment, and it needs to accommodate societal and individual needs, desires, and expectations for healthy, comfortable, and affordable domestic living environments over the lifespan. To meet the dynamic diverse challenges, the global ZEMCH R&D movement has been launched. ZEMCH is an acronym meaning "Zero Energy Mass Custom Home" that reflects the social, economic, environmental, and human dimensions of the United Nations' Sustainable Development Goals.

This MDPI Sustainability Topical Collection Special Issue titled "ZEMCH International Research Series" aims to serve as a global depository of multidisciplinary technical knowledge required for ZEMCH delivery in developed and developing countries.





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. 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.

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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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