



## 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. *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](#), [RePEc](#), [CAPus](#) / [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](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI