

# Special Issue

## Architecture, Energy, Landscape, and Optimization

### Message from the Guest Editors

Sustainable buildings and landscapes based on low energy consumption and carbon emission are the trends of future urban development. Sustainable design technologies, including optimization, Internet of Things (IoT) networks, building information modeling (BIM), intelligent environmental monitoring, intelligent control systems, big data analytics, decision support systems, and so on, are applied in the design of sustainable buildings and landscapes. This Special Issue especially focuses on the innovative application of sustainable design technologies in energy saving and carbon emission reduction of buildings and landscapes. We look forward to your contributions and welcome all inquiries. The following list of topics is not intended to be exhaustive, but rather to indicate topics that fall within the Special Issue's purview:

- Sustainable building
- Sustainable design technology
- Optimization
- Low energy consumption
- Low carbon emission

### Guest Editors

Prof. Dr. Kangting Tsai

Program of Landscape and Recreation, National Chung Hsing University, Taichung 402, Taiwan

Dr. Yu-Hao Lin

College of Humanities and Sciences, China Medical University, Taichung City 406040, Taiwan

### Deadline for manuscript submissions

closed (30 July 2022)



## Sustainability

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/93423](https://mdpi.com/si/93423)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



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



## About the Journal

### 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

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)