

## Special Issue

# Energy and Cost-Effective Building Construction and Renovation Combining New Solutions, Renewables, and Waste Heat

### Message from the Guest Editors

Globally relevant scientific and research topics, as well as experience gained during a research internship, has led us to address issues related to energy efficiency in buildings from a general and broad perspective. Therefore, we are pleased to introduce this Special Issue of *Sustainability*, entitled "Energy- and Cost-effective Building Construction and Renovation Combining New Solutions, Renewables, and Waste Heat". This Special Issue will collect scientific papers, case-studies, and review papers on the applications of renewable energy sources, the use of waste energy, and methods of improving energy efficiency in newly constructed or modernized buildings.

---

### Guest Editors

Dr. Edyta Dudkiewicz  
Dr. Łukasz Amanowicz  
Dr. Tomasz Cholewa

---

### Deadline for manuscript submissions

closed (31 March 2025)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/143090](https://mdpi.com/si/143090)

*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. 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

---

## 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, CAPlus / SciFinder, and other databases.

### Journal Rank:

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