

## Special Issue

# Low-Carbon and Healthy Residential Buildings

### Message from the Guest Editor

A Special Issue of MDPI Journal *Sustainability* on the topic “**Low-carbon and Healthy Residential Buildings**” is now open for submission. Focusing on residential buildings, this Special Issue seeks to gather relevant and innovative contributions on the various factors affecting the sustainability of a building during its life cycle. This Special Issue includes (but is not limited to) the following subjects:

- Building passive strategies (optimization of the building envelope, solar access and solar protection, airtightness, ventilation strategies, passive solar technologies);
- Indoor air quality (health and comfort);
- Nearly or net zero energy buildings (nZEB/NZEB);
- Positive energy buildings;
- Low-carbon renovation of buildings;
- Local renewable energy production systems;
- Application of national and/or international standards and legislation in the field—challenges and difficulties;
- Life cycle assessment of materials and components;
- Sustainable solutions for the end of building service life;
- Case studies.

---

### Guest Editor

Dr. Helena Corvacho

Faculty of Engineering, University of Porto, Porto, Portugal

---

### Deadline for manuscript submissions

closed (30 November 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/42921](https://mdpi.com/si/42921)

*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)