

## Special Issue

# Research and Applications of Sustainable Energy Materials

### Message from the Guest Editors

The development of sustainable materials is crucial for renewable energy generation and a transformative step towards a net-zero future. Therefore, we are delighted to announce a Special Issue on Research and Applications of Sustainable Energy Materials in the open access journal *Sustainability*. This is a multidisciplinary field focused on the discovery, development, and implementation of materials that enable the generation, storage, transmission, and efficient use of energy in ways that are environmentally, economically, and socially sustainable. Therefore, the main goal of this Special Issue is to bring together the most recent developments in the materials for energy applications, including photovoltaics, wind power, batteries, supercapacitors, hydrogen production, storage, and transportation, and fuel cells. In addition to energy generation and storage, this Special Issue focuses on energy efficiency, including building materials, electronics, and transportation materials. Moreover, it is also aimed to gather outstanding studies on theoretical, design, and experimental examination of the fundamental mechanisms behind such technologies.

---

### Guest Editors

Prof. Dr. Luis Paulo Santos

Prof. Dr. Soney C. George

Dr. Claver Giovanni Pinheiro

Dr. Jerin Jose

---

### Deadline for manuscript submissions

28 August 2026



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/259209](https://mdpi.com/si/259209)

*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)