

## Special Issue

# Sustainable Materials Chemistry and Technologies

### Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome, aiming to provide a unique platform to present state-of-the-art research findings in all fields of sustainable materials chemistry and technologies, with the aim of promoting innovative solutions associated with the development of sustainable new materials. The research topics will focus on different areas including, but not limited to, the following:

- Sustainable advanced materials;
- Smart materials and devices;
- Materials chemistry;
- Remediation of toxic chemicals during manufacturing or in the environment;
- Green chemistry processes;
- The sustainable production of chemicals;
- Resources recovery and recycling;
- Sustainable energy conversion and utilization technologies;
- Energy storage technologies;
- Renewable energy;
- Sustainable digital design and intelligent construction;
- Climate-responsive building design.

We look forward to receiving your contributions.

---

### Guest Editors

Dr. Chenxi Zhai

School of Mechanical Engineering, Tianjin University, Tianjin 300072, China

Dr. Tianjiao Li

Sibley School of Mechanical and Aerospace Engineering, Cornell University, Ithaca, NY 14853, USA

Dr. Haoyuan Shi

Pacific Northwest National Laboratory, Richland, WA, USA

---

### Deadline for manuscript submissions

31 August 2026



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/222869](https://mdpi.com/si/222869)

*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)