

## Special Issue

# Latest Research on Sustainable Material Performance and Circular Economy

### Message from the Guest Editor

At present, there is continuous concern for the development of eco-friendly products, as substitutes for conventional ones, that do not use virgin raw materials. Therefore, new innovative materials are being developed and validated that can promote the integration of circular economy principles in different industries. The unique advantages of employing waste as a raw material, in terms of the environment and economy, have promoted this change. However, due to the high diversity of wastes and their intrinsic differences compared to virgin sources, the validation of these green products and their use are still limited. Moreover, some of the main challenges in this field are the standardization of preparation processes and the reduction of costs. This Special Issue aims to bring together the latest research in the development of sustainable materials and the integration of circular economy principles in different industries.

### Guest Editor

Dr. Dumitru Doru Burduhos Nergis

Faculty of Materials Science and Engineering, "Gheorghe Asachi"  
Technical University of Iasi, 67 Prof. D. Mangeron Blvd., 700050 Iasi,  
Romania

### Deadline for manuscript submissions

closed (30 June 2025)



Sustainability

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/207404](https://mdpi.com/si/207404)

*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)