

## Special Issue

# Sustainability in Bioeconomy and Bioenergy

### Message from the Guest Editors

This Special Issue, entitled *Sustainability in Bioeconomy and Bioenergy*, intends to provide a discussion and exchange platform for the up-to-date research in the areas of systems analysis and material flow management of these sectors. A particular case we want to explore and discuss is the systems integration of the bioeconomy and bioenergy fields. We therefore welcome articles that present case studies, reviews, and new developments in bioeconomy and/or bioenergy systems related, but not limited, to the following subjects:

- Scenario analysis of the envisaged systems or of their different comprising sectors;
- Drivers, trends, and indicators for the assessment of the envisaged systems;
- Definition and implementation of monitoring systems;
- Life cycle-based tools for sustainability assessment;
- Life cycle-based assessments of the potential environmental, social, and/or economic impacts of bio-based technologies and/or value chains;
- Techno-economic, socio-economic, and/or environmental assessments of prospective bio-based technological concepts;
- Integrative and spatial life cycle assessments of bio-based value chains.

---

### Guest Editors

Dr. Alberto Bezama

Helmholtz-Centre for Environmental Research—UFZ, Department of Bioenergy, Permoserstr. 15, 04318 Leipzig, Germany

Dr. Nora Szarka

DBFZ—Deutsches Biomasseforschungszentrum gGmbH, 04347 Leipzig, Germany

---

### Deadline for manuscript submissions

closed (20 July 2024)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/101556](https://mdpi.com/si/101556)

*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)