

## Special Issue

# Emerging Technology Approaches for Food Waste Recycling

### Message from the Guest Editors

Food waste has emerged as one of the most pressing challenges facing global food systems, with significant environmental, economic, and social implications. Sustainable food waste management and utilization offer critical pathways to reduce greenhouse gas emissions, conserve natural resources, and support circular economy models. This Special Issue aims to present recent advances in the prevention, valorization, and sustainable management of food waste across the entire food supply chain, from production and processing to distribution and consumption. Emphasis is placed on innovative technologies, interdisciplinary approaches, and practical solutions that enable the transformation of food waste into value-added products such as biofuels, biochemicals, functional ingredients, animal feed, and soil amendments. By bringing together cutting-edge research, case studies, and review articles, this Special Issue seeks to bridge the gap between scientific innovation and real-world application, contributing to more resilient, resource-efficient, and sustainable food systems worldwide. We look forward to receiving your contributions.

---

### Guest Editors

Dr. Szilvia Bánvölgyi

Department of Food Engineering, Faculty of Food Science, Szent István University, Ménési st 44, HU-1118 Budapest, Hungary

Dr. Mohmoh Zin

Department of Food Engineering, Hungarian University of Agriculture and Life Sciences, Ménési út 44, 1118 Budapest, Hungary

---

### Deadline for manuscript submissions

31 December 2026



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 8.9



[mdpi.com/si/270781](https://mdpi.com/si/270781)

*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 8.9



[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)