

## Special Issue

# Food Waste Valorization as a Way towards Sustainability

### Message from the Guest Editors

With the rapid growth of the world's population and advances in food processing technology, the generation of food waste has increased significantly, amounting to 1.3 billion tons from the food supply chain. This vast amount of food waste, if not managed properly, can become an environmental problem, but the management of this waste without proper recycling or valorization causes socio-economic unsustainability. In fact, food waste with excellent organic content has become an attractive feedstock to produce various products, i.e., fuel, chemicals, and materials. Food-waste-based biorefinery approaches have the potential to promote economic and environmental sustainability by reducing dependence on fossil fuels. In addition, the valorization of food waste can promote the sustainability of the related industry by minimizing the impact of the industry on the environment. This Special Issue will address a broad aspect of food waste valorization by including conversion methods, techno-social-environmental-economy analysis, and scaling-up strategies. We welcome full-length articles and short or comprehensive review papers.

---

### Guest Editors

Dr. Ria Millati  
Prof. Dr. Hossain M. Zabed  
Dr. Teguh Ariyanto

---

### Deadline for manuscript submissions

closed (30 March 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/111239](https://mdpi.com/si/111239)

*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)