

## Special Issue

# Emerging and Modern Approaches for Sustainable Food Production and Waste Management

### Message from the Guest Editors

A sustainable food economy creates new social, economic, and environmental goals for food producers. A great challenge is determining how to develop processing operations that save natural resources, with limited environmental impact, and reduce waste production. This requires multi-directional actions in the entire food production chain, including searching for alternative raw materials, replacing conventional processes with less energy-consuming ones, or developing the so-called “clean technologies” with lower impact on environment. Another important aspect is also obtaining high-quality and extending the shelf-life of products with a lower degree of processing, and reducing and re-directing valuable compounds from the waste stream. The strategy of sustainable development also includes proper production management, reduction in losses and waste management, as well as searching for opportunities to reuse them. The aim of this Special Issue is to collect creative research papers presenting original research results, or to show review papers highlighting recent achievements in sustainable food production.

---

### Guest Editors

Dr. Elżbieta Radziejewska-Kubzdela  
Dr. Róża Biegańska-Marecik  
Dr. Marcin Kidoń

---

### Deadline for manuscript submissions

closed (10 September 2024)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 8.9



[mdpi.com/si/157475](https://mdpi.com/si/157475)

*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)