

## Special Issue

# Sustainable Food Processing and Preservation

### Message from the Guest Editors

Foods are daily necessities of mankind. In the long history of humans, food processing and preservation (drying, pickling, fermentation, etc.) have been used to enhance the value of foods and to prolong their storage period and shelf life. However, along with the improvements to these technologies with time, these methods have developed into more modern and advanced technologies in the food industry. The sustainable development of food processing and preservation are important in the food industry; they improve not only the functions but also the quality of foods to fulfill the current health expectations of customers. Besides, in the current big data revolution, data analysis is related to food production, and a few relevant technologies are emerging. Thus, this SI aims to collect original research articles and reviews on sustainable food processing and preservation including cold atmospheric plasma, electric field, radiofrequency, micro-bubble, nano-bubble, sterilization, packaging film, edible film, biological coating film, 3D food printing, and AI image recognition. Related topics with applications and future developments are also welcome for submission.

---

### Guest Editors

Dr. Jhih-Ying Ciou  
Prof. Dr. Chuan-Liang Hsu  
Dr. Chih-Yao Hou

---

### Deadline for manuscript submissions

closed (20 September 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/114863](https://mdpi.com/si/114863)

*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)