





an Open Access Journal by MDPI

Innovative Food and Bioprocessing Technologies for a Sustainable Agricultural and Food Supply System

Guest Editors:

Dr. Long Chen

Department of Food Science, Cornell University, Ithaca, NY 14853, USA

Dr. Haibo Huang

Department of Food Science & Technology, Virginia Tech, Blacksburg, VA 24061, USA

Dr. Hongshun Yang

Department of Food Science and Technology, National University of Singapore, Science Drive 2, Singapore 117542, Singapore

Deadline for manuscript submissions:

closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

We are currently facing major global challenges of food insecurity. Enhancing food system sustainability is critical to tackling these major food challenges. Technological innovations in food and bioprocessing can contribute to improving the sustainability of food production.

The scope of this Special Issue includes, but is not limited to, the development and application of sustainable food and bioprocessing technologies for food waste/byproduct streams utilization and valorization to produce food ingredients; animal feed; green chemicals to improve the sustainability of the food production chain and achieve a circular economy; sustainable food processes and hygienic design; food processing optimization to minimize material inputs, waste, and energy use; plant-based food processing; texture modification and functionality enhancement through food processing; life assessment; and techno-economic analysis. This Special Issue will showcase the latest developments, innovations and trends in sustainable food and bioprocessing technologies and their contributions to tackling food challenges and improving the sustainability of food systems.









CITESCORE 5.8

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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 sustainability related to and sustainable development. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering and applications of sustainability-based measures and activities.

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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us