



Sustainability and Food Safety

Guest Editors:

Dr. Jie Xu

Center for Nanotechnology and
Nanotoxicology, Department of
Environmental Health, Harvard T.
H. Chan School of Public Health,
Harvard University, Boston, MA
02115, USA

Prof. Dr. Hongchao Zhang

China Agricultural University,
Beijing 100083, China

Prof. Dr. Juzhong Tan

Department of Food Science,
Florida A&M University,
Tallahassee, FL 32307, USA

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

Food safety and sustainability have significant public health, economic, and environmental implications for human beings.

This Special Issue will cover the progress in aspects of food safety improvements, particularly addressing environmental, economic, energy, and sanitary sustainability. The specific topics relevant to this issue include but are not limited to traditional and innovative food processing technologies, food packaging processes or materials, natural antimicrobial or antifungal compositions, developments in approaches that are effective at reducing agricultural food wastes and pesticides, biosensors for rapid detection of bacteria, and nanotechnology in food processing or delivery. Review papers concerning food safety issues and which address issues related to scalability, sustainability, environmental friendliness, and low cost are also welcome.





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 related to sustainability 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 initiatives 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

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)