



an Open Access Journal by MDPI

Sustainable Food Processing Safety and Public Health

Guest Editors:

Dr. Ahmed Rady

 Teagasc Food Research Centre, Doublin, Ireland
Food, Water, Waste (FWW) Research Group, University of Nottingham, Nottingham, UK

Dr. Samet Ozturk

Food, Water, Waste (FWW) Research Group, University of Nottingham, Nottingham, UK

Deadline for manuscript submissions: closed (20 March 2024)

Message from the Guest Editors

This Special Issue aims to highlight innovative advances toward emerging technologies applied, alone or in combination, to the processing, safety, traceability and sustainability of various foods. The specific topics relevant to this issue include, but are not limited to, traditional and innovative thermal and non-thermal processing technologies, non-invasive controlling methods, food antimicrobial antifungal packaging, natural or compositions, and non-destructive sensors. This Special Issue aims to collect up-to-date original research and review manuscripts focusing on the development of such technologies for enhancing sustainable food safety and public health.

Keywords

- food safety
- sustainable food processing
- thermal and non-thermal processing
- innovative technologies
- natural antimicrobials
- rapid and non-destructive detection sensors

Specialsue

- food traceability and supply chain
- food waste
- novel packaging
- machine learning



mdpi.com/si/120775





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 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