

Special Issue

Technological Innovations for Sustainability in Food Processing and Food Safety

Message from the Guest Editor

The world today grapples with a dual challenge: providing sustenance to an ever-growing population and concurrently addressing climate change, resource limitations, and environmental degradation. The intersection of technological breakthroughs in food processing and safety with sustainable methodologies offers a promising avenue for solutions. Techniques that enhance food safety, extend shelf life, reduce waste, and enrich nutritional content—while maintaining environmental consciousness—are pivotal for our future. We endeavor to collate and highlight pivotal research on food technology, processing and safety, combined with the principles of sustainability, thereby paving the way for holistic solutions addressing both global food security and environmental protection. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: (1) Sustainable food processing techniques; (2) Nanotechnology in food processing and safety; (3) Edible and biodegradable coatings and films; (4) Sustainable food safety engineering; (5) Circular economy in food Science and technology.

Guest Editor

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Deadline for manuscript submissions

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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

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