

Special Issue

Food Waste and Circular Economy: Challenges and Opportunities—Second Edition

Message from the Guest Editors

This Special Issue aims to promote research on food sustainability and the circular economy, exploring new directions and innovative solutions. We invite manuscripts that critically examine how digital technologies, advanced scientific innovations, and systemic changes can enable circularity in the food system. Potential topics include, but are not limited to, the following:

- Redesigning food systems based on circular economy principles, such as regenerative agriculture, closed-loop production, and sustainable sourcing.
- Valorisation, recovery, and reuse of food waste and by-products through innovative technologies and business models.
- Life cycle assessment-driven strategies for minimizing food waste and maximizing resource efficiency across the entire food value chain.
- The role of AI, digital infrastructure, data-driven decision-making, and Industry 4.0 technologies in enabling the circular economy in the food sector.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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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

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