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, closedloop 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

Dr. Taghi Miri

School of Chemical Engineering, University of Birmingham, Birmingham B15 2TT, UK

Dr. Helen Onyeaka

School of Chemical Engineering, University of Birmingham, Birmingham B15 2TT, UK

Deadline for manuscript submissions

closed (31 May 2025)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





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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

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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