

Special Issue

Circular Economy Strategies for a Sustainable Agri-Food System

Message from the Guest Editors

This Special Issue, "Circular Economy Strategies for a Sustainable Agri-Food System", focuses on designing, implementing and evaluating circular solutions across the food value chain. Its scope spans technological advances (e.g., upcycling and biorefinery pathways for by-products and wastes; recovery of bioactives and nutrients; process intensification), management and digital tools (traceability, decision support, and risk/safety assessment), and socio-economic and policy dimensions (business models, stakeholder engagement, just transitions, and regulatory frameworks). The purpose is to integrate scientific, economic and governance perspectives to accelerate resource efficiency, minimise waste and emissions, safeguard food quality and safety, and enhance resilience and equity.

- circular economy
- agri-food systems
- by-product valorisation
- food-waste upcycling
- biorefinery pathways
- life-cycle assessment (LCA)
- techno-economic analysis (tea)
- sustainable supply chains
- food quality and safety
- policy and governance for sustainability

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Editor-in-Chief

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