

## Special Issue

# Innovation In and Optimization of Strategies for the Ethical Food Industry: Production, Packaging, and By-Product Valorization

### Message from the Guest Editors

Global food production must increase up to 70% by 2050 to meet the demands of the growing world population yet, currently, over one-third of food produced globally is lost or wasted. Food loss determines the decrease in edible food mass along the food chain, including the production, post-harvest, and processing levels. Reducing food wastage represents a neglected opportunity, particularly in developing countries, to improve food security and availability.

Tackling the issue of food loss and waste can generate a triple win: (1) reductions can save money for farmers and companies, improving the workers' profit and household economy; (2) wasting less food means feeding more people, and, finally, (3) waste reductions can alleviate pressure on the climate, as well as on water and land use, contributing to resilience to climate change. In this Special Issue, we invite submissions of original research, review articles, and opinions on new strategies fostering an ethical food industry through the development of optimized production processes, innovative packaging solutions, extension of shelf life, and the valorisation of food by-products.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2025)



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## Foods

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## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

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