

## Special Issue

# Innovations in Sustainable Food Processing Technologies

### Message from the Guest Editors

The food industry faces the dual challenge of ensuring global food security while minimizing environmental impacts. This Special Issue focuses on innovative, sustainable food processing technologies that enhance food quality, safety, and shelf life while addressing energy efficiency, waste reduction, and resource conservation. Topics include advancements in non-thermal processing (e.g., high-pressure processing, pulsed electric fields), energy-efficient drying methods, circular economy approaches for waste valorization, and the development of biodegradable and edible packaging solutions. Emerging technologies such as nanotechnology, AI-driven food processing, enzyme-assisted processing, and precision fermentation are particularly welcome. This Special Issue aims to provide a platform for interdisciplinary research and practical solutions that promote sustainability across the food supply chain and support environmental and economic goals.

### Guest Editors

Dr. Andrei Borșă

Department of Food Engineering, Faculty of Food Science and Technology, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3-5 Manastur Street, 400372 Cluj Napoca, Romania

Dr. Muntean Mircea Valentin

Department of Technical and Soil Sciences, Faculty of Agriculture, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 3-5 Manastur Street, 400372 Cluj Napoca, Romania

### Deadline for manuscript submissions

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## 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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