

## Special Issue

# Digital Transformation and Green Technology Innovation in Food Production

### Message from the Guest Editors

Dear colleagues, Digital transformations and innovations in green technologies are revolutionizing food production and ensuring efficiency, sustainability and improved outcomes in the industry. The digitalization of all areas of society is one of the priorities that both agricultures are pursuing with the concept of precise, intelligent and digital farming (Farming 4.0) and processing to ensure quality standards (Food Quality 4.0) that are sustainable, higher-yielding, economically acceptable and minimal negative impact on the environment. The scopes of the Special Issue include, but are not limited to the following: The integration of digital technologies in manufacturing and production processes;

Development and implementation of sustainable and environmentally friendly food production technologies; Innovative methods for enhancing efficiency, productivity, sustainability and traceability; Food and climate change;

Additive manufacturing (3D printing) for customized food production;

Sustainable management of food waste;

Biodegradable and sustainable packaging;

Data collection and analysis for decision support in food production;

Smart agriculture techniques.

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



## 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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