

Special Issue

Sustainable Postharvest Solutions for Fruits and Vegetables: Innovations in Processing, Packaging and Storage Systems

Message from the Guest Editor

The global food industry is experiencing a paradigm shift towards sustainability, driven by the urgent need to reduce waste, enhance food security, and minimize its environmental impact. The postharvest loss of fruits and vegetables remains a significant global challenge, with up to 40% of fresh produce wasted due to inadequate handling, storage, and processing. Sustainable postharvest solutions are urgently needed, as they will combine innovative technologies with eco-friendly practices to enhance the quality, safety, and shelf-life of fresh produce. This Special Issue aims to showcase cutting-edge research and advancements in sustainable postharvest technologies, focusing on processing, packaging, and storage systems that minimize waste and maximize resource efficiency. We welcome original research articles, reviews, and perspectives that address the following potential topics:

- **Sustainable processing technologies**
- **Eco-friendly packaging materials**
- **Smart storage systems**
- **Postharvest management for reducing food waste**
- **Sustainable cold chain logistics**
- **The applications of nanotechnology post-harvest**
- **Integrated postharvest solutions**

Guest Editor

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).