



Reducing Food Loss and Waste at the Farm Level: Seeking Sustainable Path to Food Security

Guest Editors:

**Prof. Dr. Wojciech J.
Florkowski**

Prof. Dr. Abdulbaki Bilgic

Dr. Ting Meng

Deadline for manuscript
submissions:

20 June 2024

Message from the Guest Editors

Food losses and food waste remain high and display high variation across food categories in rural households, household locations in various economic zones, and different cultures. Plant-based foods account for a sizable share of both waste and loss, suggesting that the path to reduce waste may vary with food category. Fruits and vegetables account for a relatively higher waste and loss share than other plant foods. Factors aggravating the situation include inadequate storage facilities, an insufficient logistical infrastructure needed to move crops to consumption centers, and processing capacity, as well as the natural attributes of the crop.

Food loss and waste avoidance make the choice of crops, farming techniques, and technology location-specific, as the variations in weather patterns suggest climate adaptation as an alternative path to food insecurity mitigation. The ability of rural communities to raise food but their failure to protect it post-harvest handling implies the need for education and training, especially for limited-resource farmers, and stakeholders within the supply chain, to minimize food loss and waste.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q2 (*Plant Science*)

Contact Us

Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)