

## Special Issue

# Innovative Technologies for Agricultural Product Pre-Processing and Processing Engineering

### Message from the Guest Editor

The global population is growing, and the global climate is changing. These developments are key challenges that food production must overcome. Innovative technologies for agricultural product pre-processing, processing, and storage engineering are required to increase productivity while using lower resources, thus contributing to a more sustainable supply chain. This Special Issue aims to provide and discuss new technologies that impact agricultural product processing, from harvest to storage, aiming to increase the sustainability of the food supply chain. These technologies should valorize the resources used to produce foodstuff and any alterations within industry procedures, such as packaging, food transportation, and storage facilities. Original research articles and reviews are welcome, and key topics of interest for publication include, but are not limited to, the following:

- Artificial intelligence applied in agricultural product engineering;
- Innovative post-harvest processes;
- Solar drying of fruits, grains, and vegetables;
- Mechanical drying and storage facilities;
- Thermic properties of foods;
- Seeds and seedlings production.

### Guest Editor

Prof. Dr. Gabriel Henrique Horta de Oliveira

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### Deadline for manuscript submissions

18 November 2025



## AgriEngineering

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Dr. Mathew G. Pelletier

Retired Scientist from Agricultural Research Service, United States  
Department of Agriculture, Lubbock, TX, USA

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