

## Special Issue

# Mathematical Modeling for Technological Processes of Agricultural Products

### Message from the Guest Editors

The processing of agricultural products is of great significance in ensuring food security and promoting economic development. However, in actual agricultural production, there are still several problems such as high wastage rates, difficulty in quality control, and high energy consumption. An in-depth understanding of the working principles of the technological processes of agricultural products can help to solve these problems, but it is extremely difficult to monitor data from the production process. In recent years, with the advancement of computer technology, mathematical modeling has become an important method of solving such problems. This Special Issue focuses on the research of key variables and process parameters in the technological processes of agricultural products, calibration and validation of basic parameters of agricultural materials, and the establishment of mathematical models by combining the mechanism analysis method and the data-driven method, ultimately applying them to production practice.

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### Guest Editors

Dr. Yanlong Han

Dr. Yang Liu

Prof. Dr. Anqi Li

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### Deadline for manuscript submissions

15 March 2025



## Agriculture

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## About the Journal

### 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.

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