

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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Message from the Editor-in-Chief

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