

Special Issue

Advanced Drying Technologies in Food Processing

Message from the Guest Editors

This Special Issue seeks contributions covering all aspects of drying technology in agricultural food, focusing on energy matching of agricultural product drying equipment, drying process optimization, and exergoeconomic and nondestructive testing (NDT) of agricultural products, aiming to improve the energy utilization efficiency of the drying system while ensuring product quality, integrating the economic analysis of the drying system, and providing the optimal drying criteria. Topics of interest for this Special Issue include but are not limited to:

- The first and second laws of thermodynamics used to reveal the analysis and evaluation of energy utilization efficiency of drying systems;
- The establishment of optimization models for drying system design to evaluate the impact of different environmental conditions on the energy consumption of drying systems;
- Nondestructive testing technology of hyperspectral technology applied to agricultural products;
- Exergoeconomic analysis and evaluation of drying systems with unit water removal cost as the main objective.

Guest Editors

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Editor-in-Chief

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