

Special Issue

Multi-Sensor Data Fusion and Analytics for Predictive Quality Evaluation of Fresh Produce

Message from the Guest Editors

This Special Issue aims to present recent innovations in sensors and data-driven analytical methodologies for assessing the quality of fresh agricultural products. The proposal aligns with the journal's scope by integrating engineering, agricultural technology, and intelligent systems applied to real-world problems in agriculture. We welcome contributions that explore sensor design, hardware optimization, new signal-processing approaches, ML/DL model development, data-fusion strategies, and field applications. The scope is intentionally inclusive, yet focused, to encourage both methodological advances and applied studies.

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About the Journal

Message from the Editor-in-Chief

AgriEngineering (ISSN 2624-7402) is an international open access, open-source, and cross-disciplinary scientific journal on the engineering science of agricultural and horticultural production. Our aim is to encourage scientists to publish their experimental and theoretical research, along with the full set of schematics, source-code, and mechanical design models leading to accelerated and rapid dissemination of leading-edge technologies emerging in agricultural, environmental, and agronomic engineering. *AgriEngineering* publishes articles, technical notes, reviews, commentaries, and case/field reports, as well as Special Issues on particular subjects.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 22 days after submission; acceptance to publication is undertaken in 6.3 days (median values for papers published in this journal in the second half of 2025).