

Special Issue

Application of Geographic Information System and Remote Sensing Technology in Agricultural and Forestry Research

Message from the Guest Editors

This Special Issue is aimed at bringing together research reports describing new methodologies and applications related to evaluation and monitoring studies in agriculture and forestry. Contributions could include, but are not limited to:

- Remote sensing applications (big data, UAVs/drones, machine learning, BIM and SfM);
- Environmental monitoring and analysis;
- GIS for cultural heritage and landscape analysis;
- Sensors performance and data processing;
- Precision agriculture, forestry and livestock farming;
- Geomatics and land management;
- Geomatics and natural hazards;
- Sustainable development and climate change.

Guest Editors

Prof. Dr. Leonardo Conti
Prof. Dr. Gabriel Araújo e Silva Ferraz
Dr. Giuseppe Rossi

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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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JCR - Q2 (Agricultural Engineering) / CiteScore - Q1 (Horticulture)

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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).