

Special Issue

Computer Vision for Agriculture and Smart Farming

Message from the Guest Editor

This Special Issue aims to bring together recent developments and applications of computer vision and artificial intelligence in the field of agriculture and smart farming as evidence that they can be applied to improve the management, prediction, planning and enforcement of all phases of agricultural and farming practices.

Submissions are open for original scientific articles, reviews, and technical reports on the use of computer vision and artificial intelligence in disease, pest, and weed detection; crop growth monitoring; automatic crop harvesting; automated pesticide spraying; product inspection and quality testing; plant phenotyping; species recognition; yield prediction; water management; soil management; livestock, poultry, and fish farming. We would like to invite you to share with the broad audience of the journal *AgriEngineering* your experience in the research and development of computer vision applications and techniques for agriculture and smart farming. Papers presented in this Special Issue can build on the number of other published publications in this field.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2024)



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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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Rapid Publication:

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).