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

Dr. Mariano Crimaldi

Department of Agricultural Sciences, Water Resources Management and Biosystems Engineering Division, University of Napoli Federico II, Portici, NA, Italy

Deadline for manuscript submissions

closed (31 October 2024)

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/si/138264

AgriEngineering
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriengineering@mdpi.com

mdpi.com/journal/agriengineering

AgriEngineering

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.7

mdpi.com/journal/agriengineering

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Mathew G. Pelletier
Cotton Production and Processing Research Unit, United States Department of Agriculture, Agricultural Research Services, Lubbock, TX 79403, USA

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, FSTA, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 5 days (median values for papers published in this journal in the second half of 2024).

MDPI