

Special Issue

Recent Trends and Advances in Agricultural Engineering

Message from the Guest Editors

Agricultural engineering combines engineering expertise, a social conscience, and knowledge of living systems to address the complex issues facing our planet. Agricultural engineering has the potential to significantly improve the sustainability of agriculture globally in all application areas, from the creation and effective usage of cutting-edge technology to the most recent implementation of digital farming solutions. It is directly associated with farm mechanization, automation and robotics, efficient irrigation systems, precision and conservation agriculture, farm energy systems, post-harvest storage and processing, and value addition, as well as remote sensing and geographical studies. The objective of this special issue is to explore the current state and innovation in agricultural and biosystems engineering, identify future trends and transformations, and be exclusively devoted to the publication of original papers, review articles, and frontier articles on biological and technological research in agriculture. For further reading, please visit the Special Issue [website](#).

Guest Editors

Dr. Pankaj B. Pathare

Department of Soils, Water and Agricultural Engineering, College of Agricultural and Marine Sciences, Sultan Qaboos University, Al-Khod 123, Oman

Dr. Peeyush Soni

Indian Institute of Technology Kharagpur, Kharagpur 721302, India

Deadline for manuscript submissions

closed (1 May 2025)



AgriEngineering

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.7



mdpi.com/si/192148

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

[mdpi.com/journal/
agriengineering](https://mdpi.com/journal/agriengineering)





AgriEngineering

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.7



[mdpi.com/journal/
agriengineering](https://mdpi.com/journal/agriengineering)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Mathew G. Pelletier

Retired Scientist from Agricultural Research Service, United States
Department of Agriculture, Lubbock, TX, 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 20.6 days after submission; acceptance to publication is undertaken in 5.4 days (median values for papers published in this journal in the first half of 2025).