

Special Issue

Innovations in Agricultural Engineering and Mechanization for Sustainable Agriculture, Forestry and Food Production

Message from the Guest Editors

The aim of this Special Issue is to collect manuscripts related to engineering applications to promote sustainable agriculture. Agricultural engineering and sustainable development are intrinsically linked, and all fields of agricultural engineering have a great potential to enhance the global sustainability, from the development and use of innovative machinery to the latest application of digital- and precision-farming solutions. Agricultural engineering and mechanization play a key role in developing bio-based input, in waste process and treatment to reduce the greenhouse gas emissions, in reducing and correctly distributing pesticides and fertilizers. Agriculture, forestry, and food-production must continue to supply safe and healthy food, feed, and fibers without draining non-renewable resources or compromising the environment, assuring economic profitability, and social and economic equity and contributing to achieve the United Nations sustainable development goals, the European Green Deal, and the Farm to Fork Strategy. For further reading, please visit the Special Issue [website](#).

Guest Editors

Dr. Marcello Biocca

Consiglio per la Ricerca in Agricoltura e l'Analisi dell'Economia Agraria—CREA, Centro di Ricerca Ingegneria e Trasformazioni Agroalimentari, Via della Pascolare 16, 00015 Monterotondo, Italy

Dr. Roberto Fanigliulo

CREA—Consiglio per la Ricerca in Agricoltura e l'analisi Dell'economia Agraria, Centro di Ricerca Ingegneria e Trasformazioni Agroalimentari, Monterotondo, Rome, Italy

Deadline for manuscript submissions

closed (31 January 2024)



AgriEngineering

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.7



mdpi.com/si/114335

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).