

## Special Issue

# Intelligent Agricultural Engineering Solutions in Environmental Protection

### Message from the Guest Editor

In recent years, agriculture has faced a new challenge, namely biomass-based energy production. Meeting these requirements while maintaining the principles of sustainable development is only possible through the utilization of recent achievements in agricultural and biosystem engineering. Innovative solutions used in agricultural production focus on the rational management of natural resources based on energy and gas emissions balancing. Agriculture 4.0 plays an important role in sustainable management. Artificial intelligence technologies allow the maximization of production while also caring for the natural environment. This Special Edition is dedicated to the impact of all the innovative agricultural engineering solutions on environmental protection and the reduction of gas emissions.

---

### Guest Editor

Dr. Dawid Wojcieszak

Institute of Biosystems Engineering, Poznań University of Life Sciences,  
ul. Wojska Polskiego 50, 60-627 Poznań, Poland

---

### Deadline for manuscript submissions

closed (1 August 2020)



## AgriEngineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 4.7



[mdpi.com/si/37364](https://mdpi.com/si/37364)

*AgriEngineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriengineering@mdpi.com](mailto: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).