

## Special Issue

# Advancements in Technologies for Poultry Production

### Message from the Guest Editors

Poultry farming is an important source of animal protein for the entire planet. In recent decades, we have seen significant advances in poultry genetics, nutrition and health. Therefore, chickens, turkeys, geese, ducks, quails and other species raised for meat, eggs, feathers and other products need optimal ambience conditions so that their productivity and welfare are not compromised. Technology is a key area for the advances achieved so far and for the future of poultry production. This Special Issue aims to bring together papers by researchers from all over the world that show how technology contributes to the advancement of poultry farming, related to rural buildings; climate control systems; development of equipment; development and application of precision livestock farming, such as image processing, sensors and software; the application of mathematical modeling; and all other related areas in the keywords. For further reading, please visit the Special Issue [website](#).

---

### Guest Editors

Prof. Dr. Sheila Tavares Nascimento

Dr. Eduardo Alves De Almeida

Prof. Dr. Frederico Márcio Corrêa Vieira

---

### Deadline for manuscript submissions

closed (30 June 2024)



## AgriEngineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 4.7



[mdpi.com/si/183724](https://mdpi.com/si/183724)

*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).