



## Farming Factors' Influence on Animal Productions

Guest Editor:

**Prof. Dr. Daniel Simeanu**

Department of Food, Expertise  
and Services, Faculty of Food and  
Animal Sciences, Ion Ionescu de  
la Brad University of Life Sciences  
Iasi, 3 Mihail Sadoveanu Alley,  
700490 Iasi, Romania

Deadline for manuscript  
submissions:

**25 November 2024**

### Message from the Guest Editor

Animal farming is currently facing a double challenge: ensuring food safety and security for a growing population while keeping production sustainable and environmentally friendly. The circular economy offers a chance to gradually enhance conventional farming technologies through modern and alternative production systems, using biotechnologies or re-inventing traditional practices. This Special Issue focuses on innovation, development, and assessment of conventional animal farming technology towards more sustainable production systems. Research articles will examine the impact of various factors at the farm level (nutrition, reproduction, genetics, housing, technology, management, hygiene, etc.) on the conditions of species such as large and small ruminants, horses, poultry, swine, rabbits, and honey bees, particularly regarding their yield performance and the quality and safety of animal products. Additionally, the adaptability of animal populations to new farming conditions can be explored in light of ethical challenges related to animal welfare and non-conventional methods of producing animal-based foods.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Les Copeland**

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** JCR - Q1 (*Agronomy*) / CiteScore - Q2 (*Plant Science*)

## Contact Us

---

*Agriculture* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agriculture  
agriculture@mdpi.com  
X@AgricultureMdpi