



## Rational Use of Feed to Promote Animal Healthy Feeding

Guest Editors:

**Dr. Tatiana Dumitra Panaite**

Nutrition Physiology Department,  
National Research and  
Development Institute for  
Biology and Animal Nutrition,  
077015 Balotesti, Ilfov, Romania

**Dr. Mihaela Hăbeanu**

Sericultural Research-Station  
Baneasa-Bucuresti, 69 București-  
Ploiești Avenue, 13685 Bucharest,  
Romania

Deadline for manuscript  
submissions:

**10 September 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue explores the critical intersection of animal nutrition, health, and sustainability. The valorization of underutilized feed resources or by-products from the agri-food sector for animal farming is crucial in maintaining production efficiency and ensuring food security within the context of a circular bioeconomy. It can be used for improving the nutritional value of animal feed to strengthen the immune system, maintain a “healthy” digestive tract, and improve production performance through innovative methods. This Special Issue aims to focus on different aspects of farming practices, strategies, and solutions to reduce the environmental impact of livestock operations, improve feed conversion, and minimize waste. Contributors from various fields, including agriculture, nutrition, veterinary science, and environmental science, will collaborate to provide holistic insights into the complex issue of rational feed utilization.

We cordially invite you to submit relevant articles to this Special Issue and hope that your valuable contributions will enrich the current level of knowledge.





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](http://www.mdpi.com)

[mdpi.com/journal/agriculture](http://mdpi.com/journal/agriculture)  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)  
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)