

Special Issue

Circular Economy in Livestock Production

Message from the Guest Editors

We discuss the opportunities and limitations of sustainable livestock farming frameworks across different contexts, as well as the broader implications of circular systems for sustainability, competitiveness, and resilience across animal food value chains.

- Circular economy approaches in livestock production and value chains;
- Nutrient recycling, manure management, and waste-to-value strategies;
- Valorization of livestock by-products for food, feed, or bioenergy;
- Integration of crop–livestock systems for resource efficiency;
- Precision livestock farming as a tool for circular resource management;
- Extensive livestock production, pastoralism, and traditional ecological knowledge;
- Policies and governance frameworks supporting circular livestock production;
- Socioeconomic analysis of sustainable livestock systems and animal food value chains;
- Sustainable management of livestock farms and valorization of livestock products;
- Modernization of livestock farms and precision livestock farming in line with emerging technological trends;
- Artisanal animal food production as an alternative to industrialized systems;
- Innovations and best practices for sustainable livestock production and value chains.

Guest Editors

Dr. Georgia Koutouzidou

Department of Agriculture, Faculty of Agricultural Sciences, University of Western Macedonia, 53100 Florina, Greece

Dr. Athanasios Ragkos

Agricultural Economics Research Institute, Hellenic Agricultural Organization-DIMITRA, Kourtidou 56-58, 111 45 Athens, Greece

Deadline for manuscript submissions

31 March 2026



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/255601

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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

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 - Q1 (Plant Science)