

Special Issue

Advances in Sustainable Feed for Livestock: Impacts on Nutrition and Food Quality

Message from the Guest Editors

The global intensification of livestock production has raised urgent concerns regarding environmental sustainability, resource competition, and food system resilience. Feed, representing a significant input in animal agriculture, is actively shaping both the environmental footprint of production systems and the nutritional quality of animal-derived foods. Conventional feed ingredients, such as cereal grains and soybean meal, are increasingly criticized for their contribution to deforestation, land and water use, greenhouse gas emissions, and competition with human food resources. In response, sustainable feeding strategies are gaining popularity, aiming to reduce the environmental impacts while maintaining or enhancing animal performance and the quality of animal products. This Special Issue will highlight recent advances in sustainable livestock feed, focusing on novel ingredients, physiological responses, and the impacts on product quality. This collection aims to bring together multidisciplinary perspectives that support the transition toward more resilient, efficient, and health-conscious livestock systems. All types of papers related to the topic will be considered.

Guest Editors

Dr. Daniela-Mihaela Grigore

Dr. Petru Alexandru Vlaicu

Dr. Mădălina Ungureanu-Iuga

Deadline for manuscript submissions

31 March 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/253182

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

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





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, 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), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)