

# Special Issue

## Application of Sustainable Agriculture in Animal Husbandry: Embracing a Holistic Approach

### Message from the Guest Editors

The application of sustainable agriculture in animal husbandry is essential to address environmental, social and economic challenges in a world with a growing population and demand for animal products. This approach considers animals, the environment and social aspects as interconnected components of a complex system, aiming for long-term sustainability. It involves prudent resource management, the adoption of animal welfare practices and innovative technologies for efficient selection, feeding and emission reduction. By integrating a holistic approach, the agricultural system becomes more resilient, adapting to climate change and environmental issues, promoting resource conservation, biodiversity protection, and improved water and soil quality. Encouraging research, innovation and collaboration is crucial to ensure sustainable and animal-friendly agriculture, prioritizing animal welfare, product quality and environmental health. We invite original research and review papers that investigate the effects of animal selection, feeding and precision technologies on reducing the environmental footprint of livestock.

---

### Guest Editors

#### Dr. Marco Tassinari

Department of Veterinary Medical Sciences, University of Bologna, Via Tolara di Sopra 50, 40064 Bologna, Italy

#### Dr. Giovanni Buonaiuto

Department of Veterinary Medical Sciences, University of Bologna, Via Tolara di Sopra 50, 40064 Bologna, Italy

---

### Deadline for manuscript submissions

closed (31 December 2024)



# Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7

CiteScore 5.2

Indexed in PubMed



[mdpi.com/si/178055](https://mdpi.com/si/178055)

*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](http://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. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, 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)

