

Special Issue

Grazing Animals: Lowering Environmental Impact

Message from the Guest Editors

By 2050, the planet's population is forecast to grow from the current 7 billion to more than 9 billion, while the amount of agricultural land is expected to shrink. Simply put, this means that we will need to produce more food with less resources in order to feed the world. For the livestock production to continue to be part of the solution, it must develop environmentally sound production systems. Ruminants have the distinctive ability to transform non-edible biomasses into nourishing foods, and this is an aspect that should be exploited to face the world's environmental, economic, and social challenges. Many researches have emphasized the positive roles of grazing systems: they preserve plant and animal biodiversity, store huge amounts of organic carbon that would otherwise be dispersed in the atmosphere, contrast erosion, and save water. In addition, grazing systems furnish several ecosystem services that support the economy of rural communities, and provide high-quality foods. We need innovative solutions to make grassland systems more efficient and productive to meet the growing demand for animal foods.

Guest Editors

Dr. Giacomo Pirlo

CREA Research Centre for Animal Production and Aquaculture, Lodi, Italy

Dr. Sara Carè

CREA Research Centre for Animal Production and Aquaculture, Lodi, Italy

Deadline for manuscript submissions

closed (31 May 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/68979

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)