



Poultry Housing in 21st Century: Improving Production, Health and Welfare

Guest Editor:

Prof. Dr. Daniella Jorge De Moura

College of Agricultural
Engineering, State University of
Campinas, Campinas 13083-970,
Brazil

Deadline for manuscript
submissions:

closed (30 June 2025)

Message from the Guest Editor

Dear Colleagues,

Poultry housing in the 21st century has undergone significant advancements to enhance both production and welfare standards for poultry, especially involving precision livestock farming.

Precision livestock farming (PLF) is an advanced approach to poultry production that involves the use of technology, data analytics and automation to monitor and manage livestock production with a high degree of precision and efficiency. The goal of precision livestock farming is to optimize animal health, welfare and production while minimizing resource waste and environmental impact. Poultry housing in the 21st century represents a significant step toward more efficient, sustainable, and animal-friendly poultry production.

This Special Issue aims to provide a comprehensive and up-to-date exploration of novel technologies in poultry housing that drive improvements in production, health and welfare. We invite original research articles, reviews and case studies to shed light on the latest developments in precision livestock farming applied to poultry, highlighting advancements that have the potential to reshape the industry.

Prof. Dr. Daniella Jorge De Moura

Guest Editor





animals



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia

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.

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)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](#)