



animals



an Open Access Journal by MDPI

Indicators and Assessment Methods of Poultry Welfare

Guest Editors:

Prof. Dr. Jun Bao

1. College of Animal Science and Technology, Northeast Agricultural University, Harbin 150030, China

2. Key Laboratory of Swine Facilities Engineering, Ministry of Agriculture and Rural Affairs, Harbin 150030, China

Dr. Yang Zhao

Animal Science, The University of Tennessee, Knoxville, TN 37996, USA

Deadline for manuscript submissions:

closed (31 December 2022)

Message from the Guest Editors

It is widely agreed upon that a comprehensive, multi-indicator system for evaluating indicators of animal welfare is needed to assess animal well-being, rather than a single-indicator system animal-based measures (ABMs) has been used to assess poultry welfare (including broilers, laying hens and turkeys, etc.) on farms and in labs. With advances in computer vision techniques and artificial intelligence (AI), a welfare assessment that does not require direct contact with poultry has been developed to estimate the state of individual birds or whole flocks through monitoring diet status, detecting sick behaviors, etc.

We are inviting original research and manuscripts related to indicators or methods for assessing poultry welfare, especially physiological, immune or psychological aspects. Papers on AI technological methods are welcome, as are review articles.



mdpi.com/si/125293

Special Issue



an Open Access Journal by MDPI

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

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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)