Special Issue

Lower Ammonia in Animal Housing Systems, Better Animal Health and Improved Welfare

Message from the Guest Editors

Ammonia (NH_3) emissions from livestock systems pose serious risks to animal health, welfare, and the environment. High ammonia levels are linked to respiratory issues, reduced growth, stress, and lower productivity, while also contributing to air and water pollution, ecosystem damage, and climate change. This Special Issue aims to highlight innovative strategies for reducing ammonia emissions and improving animal well-being. We encourage interdisciplinary research that bridges science and practice to promote sustainable livestock production. We welcome submissions of original research, reviews, and case studies on topics including:

- Ammonia emissions and monitoring
- Housing design and facility improvement
- Feeding optimization and nutritional strategies
- Emission-reducing technologies
- Precision farming approaches

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Guest Editors

Dr. Weichao Zheng
Dr. Yang Zhao
Dr. Yang Wang

Deadline for manuscript submissions

closed (15 January 2026)

Animals

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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

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