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

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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.



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Special Issue



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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.

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