

Special Issue

Livestock Breeding and Sustainable Agriculture

Message from the Guest Editor

Sustainable agriculture is the only long-term solution for meeting the increasing global demand for food while preserving the environment and natural resources. Livestock production is an integral component of agricultural systems and contributes to sustainability through adaptation to economic, social, and environmental conditions. Livestock breeding is currently undergoing rapid change driven by the digitalization of phenotypic data collection, sensor-based monitoring, advances in genotyping, and the development of large-scale data resources (big data). Livestock breeding and sustainable agriculture therefore constitute closely interconnected systems, and a better understanding of their interactions is essential for optimizing future livestock breeding strategies and farming practices. This Special Issue aims to bring together scientists from around the world to share research findings and practical experiences, thereby supporting new and integrated approaches to livestock breeding and sustainable agriculture.

Guest Editor

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Deadline for manuscript submissions

28 February 2027



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/271675

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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