

Special Issue

Optimization of Livestock Housing Management

Message from the Guest Editors

Livestock housing is a human practice that has existed for millennia. Nowadays, the increasing social demand for sustainable livestock production and supply chains is pushing for improving animal welfare, farm productivity, resources use, waste management, and food security. All those improvements should be achieved without jeopardizing the environmental sustainability and competitiveness of farms in the market. In this framework, a lot of efforts are being paid to develop new technologies and improved farm practices for optimizing livestock housing management while considering the global challenges represented by climate change and increasing demographic trends. This Special Issue aims at collecting impactful research focused on the latest scientific and technical advances in optimizing livestock housing management from a multi- and interdisciplinary point of view. Authors are invited to submit papers covering a broad range of topics, including but not limited to: Indoor environmental control; Resource (e.g., feed, water, and energy) utilization; Waste management; Emission control; Heat stress mitigation; Housing cleanliness, and sanitation; Worker safety; Life Cycle Assessment.

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Deadline for manuscript submissions

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