

Special Issue

Sustainable Animal Nutrition and Feeding Strategies for Enhanced Livestock Production and Environmental Impact Reduction

Message from the Guest Editor

With the global population projected to reach 9.8 billion by 2050, the demand for animal-based food will rise, increasing pressure on resources and the environment. Sustainable livestock production is key to meeting SDG 2 (Zero Hunger), SDG 12 (Responsible Consumption), SDG 13 (Climate Action), and SDG 15 (Life on Land). This Special Issue explores innovative approaches to sustainable animal nutrition, including precision feeding, alternative feed ingredients, circular economy applications, microbiome-targeted diets, and methane-reducing strategies. Emphasizing life cycle assessments, it aims to support a resilient, resource-efficient livestock sector that ensures food security while protecting the planet.

Guest Editor

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Deadline for manuscript submissions

11 February 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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. *Sustainability* publishes original research articles, review 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.

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