

## Special Issue

# Advancing Ruminant Nutrition for Sustainable Agriculture: Current Challenges and Future Perspectives

### Message from the Guest Editors

Our Special Issue seeks to delve into the latest research and developments in ruminant nutrition, addressing the contemporary challenges faced by this essential sector. Ruminant nutrition, as a dynamic discipline, is at the juncture of advancing scientific knowledge and the imperative to meet the increasing global demands while concurrently mitigating environmental impacts. This Special Issue invites contributions focused on a range of topics, including but not limited to:

- Balanced Rations and Nutrient Utilization;
- Feed Efficiency and Environmental Impact;
- Forage and Pasture Management;
- Gut Microbiome Modulation;
- Alternative Protein and Feed Ingredients;
- Precision Livestock Farming;
- Innovations in Health Management;
- Enhancing Ruminant Farming Sustainability;
- Correlation of Feed Contaminants with Dairy Product Safety;
- Enhancing Product Quality and Animal Well-being Through Nutritional Innovation;
- Sustainable Feeding of Indigenous Breeds of Ruminants.

We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2025)



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## Message from the Editor-in-Chief

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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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