Special Issue

New Technologies in Ruminant Nutrition and Production

Message from the Guest Editors

For this Special Issue of *AgriEngineering* (MDPI), "New Technologies in Ruminant Nutrition and Production", we aim to compile high-quality research and review articles that explore emerging technologies and novel approaches in ruminant systems. Topics of interest include, but are not limited to, precision nutrition, nutritional modeling, feed evaluation techniques, the use of functional additives, rumen microbiome modulation, biomarkers of intake and metabolism, sensor-based monitoring, data-driven decision tools, and advanced analytical methods. Studies addressing impacts on animal performance, health, product quality, and environmental outcomes are particularly encouraged. Original research articles and review papers are welcome in this Special Issue. Keywords

- ruminant nutrition
- ruminant production
- beef production
- milk production
- beef cattle
- buffalo
- milk cattle
- small ruminants

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About the Journal

Message from the Editor-in-Chief

AgriEngineering (ISSN 2624-7402) is an international open access, open-source, and cross-disciplinary scientific journal on the engineering science of agricultural and horticultural production. Our aim is to encourage scientists to publish their experimental and theoretical research, along with the full set of schematics, source-code, and mechanical design models leading to accelerated and rapid dissemination of leading-edge technologies emerging in agricultural, environmental, and agronomic engineering. *AgriEngineering* publishes articles, technical notes, reviews, commentaries, and case/field reports, as well as Special Issues on particular subjects.

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