

Special Issue

Biomass Production and Use to Improve the Sustainability of Ruminant Systems

Message from the Guest Editors

Aim and scope of the Special Issue:

- Identify livestock feed systems based on diversified biomass sources.
- Agroforestry, silvopastoral systems, regenerative agriculture/livestock, integrated systems, organic livestock systems, natural rangeland systems, and cut and carry systems.
- Explore unconventional sources of biomass for ruminant nutrition.
- Nutritional value, reducing methanogenesis (tannins, plant secondary metabolites, and essential oils), low demand on soil fertility and water, and positive synergies between plants species.
- Point out the perspectives of circular economy for the livestock sector.
- "Waste" to "resources": manures, crop residues, leaves, peels, and water.

Cutting-edge research: We are seeking original research papers looking for scientific evidence on biomass, and modeling data from established or regenerated rangeland that has or is intended to change to systems committed to the FAO's sustainable development goals to subsidize future public policies.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2023)



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