

Special Issue

Sustainable Grazing Management: Maximizing Livestock Performance While Minimizing Environmental Impact

Message from the Guest Editor

Sustainability in livestock production systems is vital to the environmental and economic health of animal protein production worldwide. Enteric methane is one of the leading greenhouse gasses (GHGs) linked to animal agriculture, and most methane production is linked to the period in life when animals are grazing forages high in cell wall components (i.e., fiber). Aside from GHG production, grazing management systems must also account for changes in the biogeochemical makeup of soil ecosystems, as well as the downstream effects of production on water and air quality. In order for these systems to continue to provide animal-sourced protein for a growing human population, strategies must be identified to address environmental concerns without sacrificing economic viability. This Special Issue will focus on management strategies, including (but not limited to) forage selection, supplemental feeding or grazing methods, that address environmental issues while framing the context of economically viable production systems.

Guest Editor

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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