

Special Issue

Forage and Grazing Management for Future Climate-Smart Livestock Pastoral Systems

Message from the Guest Editors

Under the current global warming scenario, pasture-based livestock production systems need to be productive and environmentally sustainable. Greater and more frequent droughts and increased temperatures have been challenging the productivity and persistence of pasture. The development of adaptation strategies and future pastoral systems is key to ensure they also deliver environmental advantages by mitigating greenhouse gas emissions and improving water quality and soil health. This Special Issue focuses on interdisciplinary cutting-edge research on the evaluation of forage species and grazing management strategies aiming to advance in the development of climate-smart pastoral systems. Key topics include adaptation to climate change from forage species and mixtures selection for more resilient and persistent pastures, the role of forage (grass, legume, herbs) species improving soil health and nutrient cycling, and innovative management practices that mitigate the environmental footprint from pastoral grazing systems. All types of articles, such as original research, short communications, and reviews, are welcome.

Guest Editors

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Dr. Roberto Calvelo-Pereira

Deadline for manuscript submissions

20 April 2026



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/258594

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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