



## Climate Change and Livestock: Impacts, Adaptation, and Mitigation

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### Message from the Guest Editor

Dear Colleagues,

Global climate change is increasingly affecting agricultural and livestock production, with an overwhelmingly negative effect on animal health and welfare as well as the whole farm systems. The livestock sector must urgently work towards more efficient and sustainable productivity and meet higher standards of animal health and welfare. Agro-livestock sector practices should consider the need for continuous adaptation (resilience) to an ever-changing environment that offers solutions to buffer climate extremes, changing nutrient availability, seasonal forage availability, disease epidemiology, and other new challenges in an environment of heterogeneous conditions. This Special Issue aims to collect the most up-to-date scientific knowledge on the impact of climate change on animal agriculture, with a focus on the specificities of agricultural systems, adaptation strategies of livestock systems that can be implemented to reduce this impact, the impacts of mitigation strategies on animal welfare, as well as identifying opportunities to investigate new adaptation and mitigation strategies.

Dr. Isabel Blanco-Penedo

*Guest Editor*



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## Message from the Editor-in-Chief

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