



Sustainable Management of Animal Genetic Resources

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Message from the Guest Editors

The multiple livestock breeds and species raised for food agriculture make an essential contribution to food security and poverty reduction worldwide. Diverse animal genetic resources provide adaptability and resilience in the face of climate change, emerging diseases, pressures on feed and water supplies, and shifting market demands. However, these very same circumstances are among the drivers of a rapid ongoing erosion of animal genetic diversity.

In order to meet this challenge, the Global Plan of Action for Animal Genetic Resources was adopted in 2007, considering measures in the following four strategic priority areas: (i) characterization, inventory, and monitoring of trends and associated risks; (ii) sustainable use and development; (iii) conservation; and (iv) policies, institutions, and capacity-building.

This Special Issue aims to explore a wide range of topics relevant to these four strategic priority areas, in both developed and developing countries, especially considering innovative approaches to better characterize, conserve, and use locally adapted breeds in their agroecosystems in a sustainable manner.





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