



animals



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How to Safeguard Local Heritage: From Conservation to Breeding Strategies

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Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

The long-term survival of local breeds depends on strategies that both monitor their genetic diversity and find a sustainable role in the current and future markets. Genetic conservation is the primary tool to save a breed from extinction. Nevertheless, investing in its economic value through selective breeding and management strategies might likewise be an effective strategy. This Special Issue aims to share knowledge in livestock for characterizing, collecting, and monitoring variability to protect and enhance local heritage.

For this Special Issue, we invite original research (analyzing field data or simulation studies) and reviews covering all of the possibilities to safeguard native livestock populations, with particular focus on population genetics and diversity assessment, together with crossbreeding and optimal contribution selection strategies. In addition, research on farming systems' characterization and the exploitation of novel opportunities to adapt local breeds to modern farming systems are also encouraged.



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Special Issue



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Editor-in-Chief

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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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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