

Special Issue

Conservation Strategies for Local Animal Breeds

Message from the Guest Editor

Breeds represent reservoirs of genetic diversity for domesticated species and the intersection of biology, economically efficient production, and cultural significance. It is widely recognized that maintaining biodiversity in domesticated animals is key to preserving general biodiversity. Over the last century, local breeds have been replaced by high-yield breeds, resulting in a loss of diversity. As a result, either populations have decreased, or information on their number is lacking. Under these conditions, conservation becomes a necessity and an obligation. This Special Issue will focus on various conservation approaches. The most obvious conservation method is in situ conservation, which ensures the preservation of the traditional production system that generated the breed. The ex situ method, with its two alternative techniques, in vivo and in vitro, ensures the preservation of live animals outside their original area or of frozen tissues and cells generated by these animals. For this Special Issue, we welcome high-quality studies that focus on one conservation strategy, or a combination, for at-risk animal breeds. Original research articles and reviews are welcome.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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