



animals



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Genetic Resources in Livestock and Fish: Management and Conservation Strategies

Guest Editor:

Dr. Dimitrios Loukovitis

Research Institute of Animal Science, ELGO 'DIMITRA', General Directorate of Agricultural Research, Paralimni Giannitsa, 58100 Pella, Greece

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Message from the Guest Editor

For the past 20 years, countries have initiated programs to sustainably conserve animal genetic resources. Some advances have been made in developing and implementing in vivo conservation programs, but those efforts appear to be predicated upon various types of government subsidies, which are subject, to policy changes. In addition, there is still a large gap between the current state-of-the-art genomic tools and their use for resources characterization and application to many non-commercial and local breeds/species/populations, hampering the consistent utilization of genetic and genomic data as indicators of genetic erosion and diversity. Therefore, this challenging target demands better coverage, understanding and utilization of genomic and environmental data, as well as, the development of optimized ways to integrate these data with social and other sciences and policy analysis to enable more flexible, evidence-based models to underpin conservation.



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Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia

2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

Message from the Editor-in-Chief

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Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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