

Special Issue

Population Genetics and Conservation Genetics of Wildlife

Message from the Guest Editor

The field of population genetics is a critical tool for addressing conservation challenges facing wildlife today. Recent advancements in molecular techniques have enhanced our understanding of genetic diversity, migration patterns, and adaptive responses among wildlife populations. These insights are essential for developing effective conservation strategies amid habitat loss, climate change, and other pressures. The last decade has seen remarkable progress in next-generation sequencing technologies, allowing researchers to obtain high-resolution genomic data from various wildlife species. This information facilitates assessments of genetic variation and population structure, enabling conservationists to identify key traits that enhance resilience to environmental changes. This Special Issue invites contributions exploring the intersection of population and conservation genetics. Together, we aim to illuminate the crucial role genetic insights play in safeguarding wildlife, preserving biodiversity, and addressing challenges posed by invasive species for future generations.

Guest Editor

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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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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