



Evolution, Diversity, and Conservation of Herpetofauna

Guest Editors:

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Deadline for manuscript
submissions:
closed (15 October 2023)

Message from the Guest Editors

Amphibians and reptiles play a critical role in the evolution of tetrapoda. They exhibit high diversity in genetics, species, morphology, life-history traits, and evolutionary functions. In recent decades, wild amphibian and reptile populations have declined drastically, and a large proportion of these species are threatened with extinction. Therefore, it is important to develop some applicative and integrative approaches to guide the conservation of wild amphibians and reptiles.

This Special Issue aims to improve our understanding of the diversity, evolution, and environmental adaptation of amphibians and reptiles, and to discuss some ideas and approaches for their conservation in the context of global change. We welcome publications that focus on any aspects of the evolution, diversity, and conservation of amphibians and reptiles. Some examples include:

- Species and functional diversity.
- Inter-population divergences in behavior, physiology, metabolism, and genetics (including metagenomics).
- The genetic mechanisms of important morphological and functional traits.
- Influences of environmental stresses on the fitness of amphibians and reptiles.
- Environmental adaptation.





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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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