

Special Issue

Genetic Diversity and Phylogeography of Turtles (Testudines)

Message from the Guest Editors

Turtles (Testudines), with over 300 identified species, have a wide ecological distribution from water to land, diverse sex determination mechanisms from temperature-dependent to genotypic, and different eating patterns from vegetarian to omnivorous, providing an ideal monophyletic group for diversity research. Besides, as ectothermic vertebrates, turtles' survival is greatly threatened by global warming because their growth, reproduction, and sex are closely related to ambient temperature. Therefore, understanding turtle diversity is of great importance. Recently, the rapid development of sequencing technologies has facilitated genetic resolution in turtle species. For this Special issue, we aim to highlight new research addressing the notable biological importance of turtles. We invite manuscripts that focus on species diversity, genetic diversity and ecological diversity in turtles.

Guest Editors

Prof. Dr. Xinping Zhu

Key Laboratory of Tropical and Subtropical Fishery Resource Application and Cultivation of Ministry of Agriculture and Rural Affairs, Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences, Guangzhou 51038, China

Dr. Xiaoli Liu

Key Laboratory of Tropical and Subtropical Fishery Resource Application and Cultivation of Ministry of Agriculture and Rural Affairs, Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences, Guangzhou 51038, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diversity@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and Molecular Biotechnology, Heidelberg
University, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

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