

Special Issue

The Applications of Emerging Technologies on Biodiversity Conservation

Message from the Guest Editors

We call for contributions to this Special Issue in two general categories: (1) innovative ideas of incorporating AI into the conceptual framework and theories of biodiversity conservation biology and ecology; and (2) case studies of innovative applications of ML, natural language processing, deep learning, and robotics in the monitoring and decision making of the conservation of genetic diversity, species diversity, and ecosystem diversity. We hope that this Special Issue provides a venue for applied data scientists, conservation biologists, and natural resource managers to work together to develop AI and ML technologies that improve the mechanistic understanding of mechanisms and processes underlying biodiversity losses and developing the optimal strategies for biodiversity conservations and sustainability of natural resources. Thank you in advance for your contributions to this Special Issue!

Guest Editors

Dr. Xinhai Li

Key Laboratory of Animal Ecology and Conservation Biology, Institute of Zoology, Chinese Academy of Sciences, Beijing 100101, China

Prof. Dr. Guiming Wang

Department of Wildlife, Fisheries and Aquaculture, Mississippi State University, Mississippi, MS 39762, USA

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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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