

## 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

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### Deadline for manuscript submissions

31 January 2026



## Diversity

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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).

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).