



diversity



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Quantifying Biodiversity: Methods and Applications

Guest Editor:

Dr. Tsung-Jen Shen

Department of Applied
Mathematics, National Chung
Hsing University, Taichung 402,
Taiwan

Deadline for manuscript
submissions:

20 May 2024

Message from the Guest Editor

Biodiversity is a comprehensive concept of large amounts of ecological or biological information. In addition, the term *biodiversity* can be closely related to ecological conservation, monitoring, and management. As such, under different contexts of sampling schemes or model assumptions, a lot of biodiversity indices have been developed for simply and objectively measuring the concept quantitatively. However, it is not easy to directly assess biodiversity using observations or survey data in field work. Instead, in order to accurately and reliably quantify and infer assemblage biodiversity, proposing well-developed statistical toolkits is always welcome and essential in practical applications and monitoring ecosystems.

Diversity welcomes submissions of reviews as well as practical, modeling or observational studies to this Special Issue on topics including but not limited to: formulating new biodiversity indices, proposing novel statistical methods of well-known typical indices, creating novel sampling methods, and exploring new findings in biodiversity assessment and comparison.



mdpi.com/si/79714

Special Issue



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Editor-in-Chief

Prof. Dr. Michael Wink

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

Message from the Editor-in-Chief

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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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Diversity Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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