



diversity



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Quantifying Biodiversity: Methods and Applications

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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.



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Special Issue



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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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