

Special Issue

Monitoring Plant Diversity and Community Assembly in Forest Ecosystems

Message from the Guest Editors

Covering nearly one-third of biosphere lands, forests represent the most complex terrestrial ecosystem. However, the impact provided by anthropogenic disturbances, such as nitrogen deposition, timber over-exploitation, altered disturbance regimes, invasive species, land-use change, and climate change, calls for new scientific contributions to explore the basic ecological mechanisms supporting forest plant diversity and relative functions, as well as new performant approaches to monitor their dynamics and naturalness degree. In this Special Issue, we encourage researchers to submit their manuscripts on the following topics:

- Effects of climate and land-use changes on forest plant communities;
- Spatio-temporal patterns of plant diversity and assembly rules in forests;
- Functional trait-based assembly rules;
- Long-term ecological research studies (LTER network) in forests;
- Aspects related to the observer's bias in monitoring activities;
- Trees spatial point pattern analysis;
- Structural and biological indicators

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2020)



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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 16.6 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).