



Fungal Dynamics and Diversity in Forests

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Message from the Guest Editors

In forests, the fungal diversity of saprotrophic, pathogenic and symbiotic fungi greatly exceeds tree diversity, even in highly diverse tropical forests. In recent decades, advances in molecular identification methods have vastly increased our knowledge of the fungal diversity in forests. This has increased awareness that within forests, fungal communities regulate many ecosystem functions, but also that these communities undergo changes in both time and space. Communities of symbiotic mycorrhizal fungi regulate ecosystem functions such as mineral nutrient uptake, whereas communities of saprotrophic fungi regulate processes such as litter and deadwood composition. In this Special Issue, we encourage contributions regarding all aspects of fungal diversity in forests. Contributions can be opinion papers, reviews or original research articles from all types of forest systems. Particularly encouraged are studies that attempt to link biodiversity to function.





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