

Special Issue

Diversity, Taxonomy and Functions of Forest Microorganisms

Message from the Guest Editors

Microorganisms play important but often overlooked roles in forest ecosystems, including fungi, bacteria, phytoplasma, nematodes, etc. They inhabit the leaves, branches, and even roots of trees as pathogens, endophytes, or saprophytes. From the last century to the present, a variety of important forest diseases have caused serious losses to human beings, such as chestnut blight (fungi), poplar bacterial canker (bacteria), Paulownia arbuscular disease (phytoplasma), and pine wilt disease (nematode). Identifying, characterizing, and studying the functions of forest microorganisms is key to understanding how to protect forests. This Special Issue aims to identify new species of forest microorganisms, reveal the species diversity of important taxa, report emerging diseases, and understand the function and mechanism of important species. This Special Issue is seeking contributions on diversity, taxonomy, and functions of forest microorganisms. For instance, we welcome works on species identification, phylogeny and evolution, detection of pathogens, descriptions of new species, report of new diseases, and related research.

Guest Editors

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Deadline for manuscript submissions

closed (28 June 2024)



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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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