

Special Issue

Soil Nutrient Cycling and Microbial Dynamics in Forests

Message from the Guest Editors

Forests come to play an important role in maintaining ecosystem structure and driving ecosystem function. The circulation of soil mineral nutrients, which is primarily driven by soil microorganisms, supports the growth, regeneration and productivity of forests. In recent years, the scientific community has learned about the turnover of key mineral nutrients between plants and soil and its microbial-driven mechanisms. However, there are still some gaps in our understanding of how soil nutrients and microbial communities affect processes and functions in global forest ecosystems. For example, the roles of stoichiometric properties, the biotic link between above-ground plants and below-ground microbes, and the interactions between macro- and micro-nutrients in growth and carbon sequestration need more study, especially in the background of global climate and human disturbance. We encourage researchers to submit studies on soil nutrient cycling and related microbial mechanisms in forest ecosystems, including case studies, meta-analysis studies, and model studies, to this Special Issue to promote knowledge and management strategies of forest ecosystems.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



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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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