Special Issue

Soil Microbial Ecology in Forest Ecosystems

Message from the Guest Editors

Forest ecosystems are the largest global carbon sinks, with the potential to regulate global changes. Understanding the soil microbial community in forests is of significance for ecosystem carbon storage and nutrient dynamics. Although some of the global changes or disturbances may weaken forest resilience, soil microbes have the potential to protect forests from the external stresses via plant–microbe interactions. In-depth understanding of the key belowground processes in forests is essential to increase the accuracy of terrestrial biogeochemical models.

Potential topics include but are not limited to: Biogeographical patterns and underlying mechanisms of soil microbes in forest ecosystems; Temporal evolution of soil microbial community during forest succession; Responses of soil microbes to climate changes, land management and disturbances; Microbial nutrient limitation in forest soils; Microbe-induced carbon dynamics in forest soils; Microbial role and regulation in nutrient cycling in forest ecosystems; Interactions of plant and microbes on soil functions; Predicting microbe-induced dynamics of soil carbon and nutrients using biogeochemical models.

Guest Editors

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Deadline for manuscript submissions

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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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