

Special Issue

Physiological and Biochemical Properties of Forest Soils: Microbial, Nutrient and Structural Perspectives

Message from the Guest Editors

Forest soils are key regulators of ecosystem functions, including nutrient cycling, microbial activity, and plant productivity, and they are influenced by physiological and biochemical processes shaped by interactions among vegetation, climate, and topography. We encourage submissions on various forest types and climate zones, in the form of original research articles, reviews, and case studies. We look forward to receiving your valuable contributions. Topics of interest include, but are not limited to, the following: Soil biochemical cycles;

Microbial functional diversity and metagenomics;

Soil–plant–microbe interactions in forest ecosystems;

Soil enzymatic activities and indicators of soil health;

The effects of forest management and climate change on soil function;

Soil–plant–atmosphere interactions;

Seasonal nutrient transfer from canopy to soil;

Litter fall-driven nutrient dynamics in forest soils;

Soil physiological responses to environmental stressors;

Biochar or other applications and their effects on forest soil structure and nutrient cycling;

Ecological and soil-based indicators for ecosystem planning and monitoring.

Guest Editors

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Deadline for manuscript submissions

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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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