

Special Issue

Ecophysiology and Diversity of Soil Microbial Communities in Terrestrial Ecosystems

Message from the Guest Editors

Soil is considered from modern positions as the main natural bank of microorganisms with properties necessary for humans. Soils and soil-related substrates are an inexhaustible source of strains with useful properties for biotechnology; a source for the discovery and description of many unknown life forms. For the conservation of biodiversity, the protective function of the soil is of great importance—the conservation of a viable state of various surviving stages of organisms. An important problem facing soil microbiologists is the study and preservation of the uncultivated part of the microbial community of extreme and anthropogenically undisturbed (territory of nature reserves, forest areas and sanctuaries) soil habitats. The problem is of both practical and theoretical interest.

The scope of the Special Issue is the assessment of the phylogenetic and functional features of soil microbial communities under forests, and the survival of prokaryotic and fungal microbial soil components under the influence of anthropogenic (hydrocarbons, heavy metals, polymers) and abiogenic (temperature, humidity, salinity, pH) factors.

Guest Editors

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Deadline for manuscript submissions

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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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