Special Issue

Response of Diversity and Structure of Soil Microbial Community with Global Change Condition and Human Activity

Message from the Guest Editor

Ecosystems have been experiencing ongoing effects of global climate change and human activity. The structural, functional, and ecological degradation of ecosystems are issues that receive significant attention. Soil microorganisms are one of the most crucial components of ecosystems, regulating the processes of biogeochemical cycles and energy flows. Their composition and diversity are sensitive biological indicators of ecosystem disturbance. Ecosystem disturbance leads to dramatic changes in vegetation composition and growth, as well as soil physicochemical properties and aggregates. Therefore, it is of key importance to investigate the variation mechanisms of soil microbial composition and function during vegetation changes, particularly under the condition of global climate change and human activities. This Special Issue aims to provide a forum for researchers to share the latest findings in the mechanisms by which soil microbial composition and function are affected by terrestrial ecosystem degradation, such as in forests, wetlands, grasslands, and agricultural landscapes.

Guest Editor

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Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.
We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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