Special Issue

Soil Fauna Diversity under Global Change

Message from the Guest Editors

Soil fauna, including Enchytraeid, nematodes, Collembola, mites, earthworms and other soil-dwelling invertebrates, are abundant across biomes. They are closely connected with soil and microorganisms and jointly regulate the functions of soil ecosystems. Compared with the more deeply researched microorganisms in soil biodiversity, the current research on soil animals is relatively lacking. Global changes such as climate change and land use patterns can affect the community structure and diversity of soil fauna. Soil fauna, as predators and vectors of microorganisms and plants, affect greatly soil ecological functions through their own activities and cascade effects, which in turn have complex effects on the nutrient cycling and energy flux of the soil ecosystem. Therefore, it is an urgent need to understand the response of soil fauna diversity to global change. Understanding of the trend of the impact of global change on soil fauna community will provide a scientific basis for mitigating the impact of global change to terrestrial ecosystems. More details at: https://www.mdpi.com/journal/diversity/special_issues/Soil_Fauna

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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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