Special Issue

Ecology of Soil-Dwelling Arthropods in a Modern World

Message from the Guest Editors

Soil-dwelling arthropods are a key component of decomposer communities in soil. This group comprises animals from the mesofauna (e.g., Collembola and mites) and the macrofauna (isopods, myriapods and insects). Although their role in soil health is now being recognized, the integration of this group into our understanding of soil processes is still in its infancy. The diversity, abundance and vertical stratification of soil arthropods are good indicators of soil quality. They reflect the effects of different processes from global to local scale (e.g., climate change, nitrogen deposition, land-use change, urbanization and the effects of different agricultural practices). It can also affect global and local processes, as they have different feedbacks on agricultural, conservation and soil-remediation techniques.

In this Special Issue, the latest results will be presented regarding our understanding of the ecology and indication strength of soil-dwelling arthropods, using different approaches from descriptive studies to laboratory and field experiments. We believe that in our modern world, soil ecology equally deserves applied and fundamental research.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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