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Soil Nematodes Research

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Message from the Guest Editor

Nematodes are the most abundant metazoa on earth, and their extraordinary high species number makes them third only to insects and mollusks in the animal kingdom. This Special Issue provides a platform to highlight new research and significant advances in the understanding of soil nematode diversity and function. This comprises, e.g., standardization of methods to assess nematode community structure as well as laboratory experiments aiming for a mechanistic understanding of species functions and community composition. Moreover, environmental surveys are invited determining the influence of functional composition and functional diversity on ecosystem processes by classic morphological as well as molecular or biochemical approaches. In the context of ecosystem services and soil health, biomass and metabolic activity of species are further meaningful measures.

Keywords:

- Soil nematodes
- Diversity
- Functional role
- Food webs
- Grazing
- Metabolic footprints
- Soil energy and carbon pathways
- Green and brown food chain
- Ecosystem services
- Soil health



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Special Issue



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Message from the Editor-in-Chief

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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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