

Special Issue

Soil Biodiversity and Ecosystem Services: Foundations for Sustainable Agriculture

Message from the Guest Editors

This Special Issue will explore the critical role of soil biodiversity in supporting ecosystem services that underpin sustainable agriculture. It will focus on understanding the biological complexity of soils, ranging from microbial communities to soil fauna, and how these organisms contribute to essential processes such as nutrient cycling, pest and disease regulation, carbon sequestration, and soil structure formation. The scope of this Special Issue includes interdisciplinary studies that link soil biology with ecological, agronomic, socio-economic, and policy perspectives. Our purpose is to highlight innovative research, case studies, and applied methodologies that demonstrate how conserving and enhancing soil biodiversity can contribute to agricultural productivity, climate resilience, and ecosystem health. By addressing scientific, socio-economic, and policy-oriented dimensions, this Special Issue contributes to sustainability by promoting regenerative agricultural practices, guiding land-use policies, and supporting biodiversity conservation as a foundation for resilient food systems.

Guest Editors

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Dr. Rihab Djebaili

Prof. Dr. Giuliano Bonanomi

Deadline for manuscript submissions

closed (26 March 2026)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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