

Special Issue

Soil Organic Matter Dynamics in Forests

Message from the Guest Editors

This Special Issue seeks to address research gaps by focusing on the mechanisms controlling SOM dynamics, particularly in relation to SOM quantity, quality, and spatial distribution across various forest types such as montane, upland, lowland, coastal, and urban forests. Key topics include (but are not limited to) the effects of tree species composition (biodiversity), land degradation, erosion, and environmental pollutants on SOM dynamics, covering (but not limited to) the bulk and molecular dynamics of organic matter, biophysical and/or biogeochemical processes regulated by trait-based plant life history, microbiota and fauna along the plant–soil continuum, rhizosphere hotspots, enzyme kinetics, and so forth.

We invite original research and reviews that contribute to practical forest management strategies aimed at enhancing ecosystem complexity and resilience, while supporting the development or recovery of ecosystem services. Additionally, we encourage studies that offer insights into the role of SOM in climate change mitigation and the development of action plans at local, regional, and global levels.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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