

Special Issue

Soil Organic Matter and Soil Multifunctionality in Forest Ecosystems

Message from the Guest Editors

Soil organic matter (SOM), an important organic component in soils, plays an important role in maintaining soil fertility, ecosystem function, food security, and global change. Globally, soil scientists have made long-term and great efforts to improve our understanding of SOM dynamics and functions as well as its responses to global environmental change. Soil multifunctionality is an important part of ecosystem multifunctionality. Studying soil multifunctionality and its driving factors can help us understand the comprehensive functions of soil better, providing a reference for the reasonable management and evaluation of soil ecosystems. With the long-term efforts of soil scientists and the application of new technologies and methods, studies of SOM cycling and soil multifunctionality have made great progress, but they still face many difficulties and challenges, especially in the context of global environmental change. This Special Issue is aimed at providing selected contributions on advances in soil SOM cycling and soil multifunctionality in forest ecosystems in a changing world.

Guest Editors

Dr. Xiong Fang

Dr. Yuzhe Wang

Prof. Dr. Xingkai Xu

Prof. Dr. Xiankai Lu

Deadline for manuscript submissions

closed (20 May 2025)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/201078

Forests
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)





Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



[mdpi.com/journal/
forests](https://mdpi.com/journal/forests)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).