

Special Issue

Forest Soil Carbon and Climate Changes

Message from the Guest Editor

Forest soil carbon is an important component of global carbon cycle, and the changes of its accumulation and decomposition, stabilization and destabilization directly affect atmospheric CO₂ concentration and global warming. Due to of crucial importance of soil carbon storage to climate regulations, stability of forest ecosystem functions, scientists have devoted a significant amount of attention to the topic over the last decades. Despite of the progress, many important questions remain unanswered so far. Therefore, the scope of the special issue is to collect recent findings from different geographic locations, tackling these important to the society issues. We welcome papers dealing with temperature sensitivity of C mineralization, priming of soil organic matter, tree species and stand density effect on soil C storage and turnover processes. Also N effects on C storage and fluxes are welcome. The papers might be based on original data, reviews and meta-analysis will also be considered.

Guest Editor

Prof. Dr. Oleg V. Menyailo

Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture,
Soil and Water Management and Crop Nutrition Laboratory, 2444
Seibersdorf, Austria

Deadline for manuscript submissions

closed (5 January 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/44891

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 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).