Special Issue

Carbon Sequestration and Stability; Soil Erosion in Forest Ecosystems: 2nd Edition

Message from the Guest Editors

Soil organic carbon is key in carbon cycling, acting as a source and sink for atmospheric CO2. Its stability affects emissions and storage, enhancing sequestration and residence time. Understanding soil carbon's stock and stability is crucial for climate change predictions and ecological sustainability. This Special Issue seeks to assess forest carbon storage and stability, identifying factors influencing these changes.It welcomes studies on global changes, forest management, succession, restoration, experiments, decomposition, microbial activity, soil fauna, carbon, and erosion, aiming to determine their impact on forest ecosystem carbon storage and stability.

Guest Editors

Dr. Hongwei Xu

Dr. Jun Xiao

Dr. Danbo Pang

Deadline for manuscript submissions

closed (31 July 2025)

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/222651

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

mdpi.com/journal/forests

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/journal/forests

MDPI

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).