Special Issue

Fixation, Transport and Storage of Carbon by Forest Ecosystems

Message from the Guest Editors

The fate of carbon (C) in conifer ecosystems via its fixation, transport, allocation, stabilization, and storage receives much attention globally due to climate change feedback. Among the understudied problems, one is associated with tree phenology, which influences the C allocation and transportation within trees (evergreen and deciduous both). The deviations of environmental factors could affect the interrelationship between phenology and C transport processes. Another crucial problem is soil C stabilization in forest ecosystems and its dependence on the soil biological activity and inputs of root exudates. This Special Issue will collect papers on C fixation, transport, and storage in forest ecosystems.

Guest Editors

Dr. Oxana V. Masyagina

Prof. Dr. Oleg V. Menyailo

Dr. Svetlana Evgrafova

Deadline for manuscript submissions

closed (10 April 2024)

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).