Special Issue

Carbon and Nutrient Cycling in Forests under Climate Change

Message from the Guest Editors

Forests are undoubtedly one of the most important means at our disposal to tackle climate change. They are key for efforts to decouple the economy from GHG emissions through the substitution of fossil fuels and other materials. Forests are also a cornerstone in creating long-lasting carbon sinks, act as sanctuaries for biological and genetic diversity, and regulate freshwater provision and quality. Sustaining these and all the other services desired from forest ecosystems is dependent on the viability of the closely linked cycling of carbon and nutrients in forests, including biota and soils.

This Special Issue of Forests aims to collect scientific findings and knowledge about the effects of climate change on the cycling of carbon and nutrients in different forest biomes around the globe in order to provide a sampled assessment of the potentials and risks for climate change mitigation. This Special Issue welcomes studies on coupled carbon and nutrients cycles based on monitoring, experiments, and modelling results, with a special interest in field studies from the forest stand to regional or hemispheric scales.

Guest Editors

Dr. Salim Belyazid

Department of Physical Geography, Stockholm University, Svante Arrhenius väg 8, SE-114 18 Stockholm, Sweden

Dr. Giuliana Zanchi

Department of Physical Geography and Ecosystem Science, Lund University, 221 00 Lund, Sweden

Deadline for manuscript submissions

closed (1 June 2022)



Forests

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 4.6



mdpi.com/si/97584

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



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).

