

Special Issue

Biogeochemical Cycling in Forest Ecosystems

Message from the Guest Editors

The long-term productivity of forest ecosystems depends on the cycling of critical elements. In fact, the effect of carbon dioxide fertilization on forest productivity may ultimately be limited by the rate of nutrient cycling. On the other hand, there are many unique forest ecosystems that depend on oligotrophic soils (e.g., dwarf cypress forests). Contemporary and future disturbances such as climatic warming, deforestation, short rotation silviculture, fire, and the invasion of exotic species all place strains on the integrity of this system of biogeochemistry. Global differences in climate, soils, and species make the extrapolation of even a single important study to forests worldwide difficult.

We invite submissions for a Special Issue of *Forests* on the subject of “Biogeochemical Cycling in Forest Ecosystems”. Topics not only include major nutrients but other micronutrients and elements that are weathered. Topics in forested wetlands are also welcome. Watershed hydrology is also an essential component of biogeochemistry.

Guest Editors

Prof. Dr. Robert G. Qualls

Department of Natural Resources and Environmental Science,
University of Nevada, Reno, NV 89557, USA

Dr. Michail Orfanoudakis

Department of Forestry and Management of the Environment and
Natural Resources, Democritus University of Thrace, 68200 Orestiada,
Greece

Deadline for manuscript submissions

closed (25 June 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/84161

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).