

Special Issue

Forest Ecosystem Biogeochemical Cycling and Climate Change

Message from the Guest Editor

Some 200 hundred years after Willdenouw and Humboldt first suggested that similar climates produce similar vegetation types, we know that climate is a driving factor that affects the functioning of forest ecosystems, and that it took millenia for forests to reach their modern observed state of biogeochemical cycling. Now, as the global climate system changes at a rate previously unobserved, including the appearance of more frequent extreme weather events, a key question is how modern climate change will affect forest ecosystem functioning and structure in the future. Of particular interest for world leaders, policy makers, corporations, and forest managers is how forest ecosystems can be managed so as to sequester as much carbon as possible. There is still much that needs to be understood to reduce the uncertainty of what we think might happen to forests under a changed climate in the future. We encourage studies that advance the understanding of forest ecosystem biogeochemical cycling in its current state, as well as field experiments, monitoring, and modeling studies that examine the potential impacts of future climate change.

Guest Editor

Dr. Douglas E. Ahl

Executive Vice President, Research and Information Systems,
Slipstream Group, Inc., Madison, WI, USA

Deadline for manuscript submissions

closed (20 April 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/82327

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 16.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).