

Special Issue

Climate Change and Forest Phenology: Ecophysiological Mechanisms and Impacts

Message from the Guest Editor

This Special Issue aims to bridge this critical knowledge gap by assembling cutting-edge research focused on the physiological underpinnings of forest phenology under a changing climate. We welcome original research articles, reviews, and modeling studies that integrate ecophysiology, long-term observations, experimental approaches, and remote sensing techniques—including PhenoCam networks. Emphasis will be placed on interspecific variation, phenological plasticity, and the impacts of compound climate stressors such as extreme heat, prolonged drought, and late-season cold spells. Our goal is to foster a comprehensive understanding of how physiological processes mediate phenological shifts and what these changes mean for forest function, biodiversity, and sustainability in the Anthropocene.

Guest Editor

Dr. Jiaxin Wang

College of Natural Resources and Environment, Virginia Polytechnic Institute and State University, Virginia 24061, USA

Deadline for manuscript submissions

28 February 2026



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/247082

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).