

Special Issue

Ecophysiology of Forest Trees and Responses to Environmental Changes

Message from the Guest Editor

Environmental changes, e.g., increasing CO₂ and O₃, nitrogen deposition, soil degradation, and global warming, have become important environmental issues. These problems of 'Environmental Changes' are now spreading worldwide. Rather than viewing environmental changes as a threat that will adversely affect forest trees, it is also an opportunity to develop innovative approaches in forest tree ecophysiology, management, and forest conservation. Understanding how the ecological and physiological responses in forest trees are affected by an environmental change is therefore fundamental to any sound prediction of future environmental changes. This Special Issue of *Forests* is calling for original, innovative papers on anatomical, morphological, ecological, and physiological tree responses, including experimental studies, monitoring approaches, and models, to environmental changes at all levels of organization, from the seedling phase to the mature stage.

Guest Editor

Dr. Dongsu Choi

Department of Ecoregion Science, Tokyo University of Agriculture and Technology, Fuchu, Japan

Deadline for manuscript submissions

closed (30 September 2022)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/105280

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).