

Special Issue

Physiological, Biochemical and Morphological Adaptation Characteristics of Woody Plants to the External Environment

Message from the Guest Editor

The goal of this Special Issue is to bring together the latest research and perspectives on this important area of plant science. This Special Issue aims to bring together researchers from diverse disciplines, including plant physiology, molecular biology, ecology, and environmental science, to present cutting-edge research and to highlight the latest advances in this field. We hope to promote interdisciplinary collaboration and further our understanding of the complex relationships between woody plants and the external environment.

This Special Issue is soliciting research in the cutting-edge research areas of ‘Physiological and Biochemical Adaptation Characteristics of Woody Plants to the External Environment’ including but not limited to:

- molecular and genetic basis of plant adaptation to environmental stress;
- roles of epigenetics in plant adaptation;
- study of plant water relations and photosynthesis concerning environmental stress;
- impacts of global environmental changes on plant adaptation
- development of novel technologies and methodologies for studying plant adaptation.

Guest Editor

Prof. Dr. Eun Ju Cheong

College of Forest and Environmental Science, Kangwon National University, Chuncheon 24341, Republic of Korea

Deadline for manuscript submissions

closed (24 April 2025)



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/192549

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).