

Special Issue

Advanced Research and Perspectives on Tree Functional Genomics

Message from the Guest Editors

Tree functional genomics is a rapidly evolving field that integrates genomic data with tree biology to understand the complex functions and adaptations of trees. Recent advances have leveraged high-throughput sequencing technologies, such as next-generation sequencing (NGS), to decode the genomes of various tree species. These efforts have provided insights into gene functions, regulatory networks, and the evolutionary processes that govern traits such as growth, stress resistance, and disease response. This field also explores the ecological and environmental implications of tree genomics, aiming to address challenges such as climate change, deforestation, and sustainable forest management. Future perspectives involve improving computational tools and databases, fostering collaborative research, and translating genomic discoveries into practical applications for forestry and conservation. Dr. Vanessa Castro Rodríguez

Guest Editors

Dr. Vanessa Castro-Rodríguez

Departamento de Biología Molecular y Bioquímica, Facultad de Ciencias, Universidad de Málaga, Campus Universitario de Teatinos, 29071 Málaga, Spain

Prof. Dr. Fernando de la Torre

Departamento de Biología Molecular y Bioquímica, Facultad de Ciencias, Universidad de Málaga, Campus Universitario de Teatinos, 29071 Málaga, Spain

Deadline for manuscript submissions

15 October 2025



Forests

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.6



mdpi.com/si/212150

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).