

## Special Issue

# Somatic Embryogenesis and Organogenesis on Tree Species

### Message from the Guest Editors

In recent years, ever-rising human population growth has put a tremendous pressure on trees and tree products. The combination of biotechnology and conventional methods such as plant propagation and breeding has become a novel approach to improving and multiplying a large number of tree species. The rapid progress of somatic embryogenesis on tree species and its prospects for potential applications is of importance to this Special Issue. Therefore, our issue aims to cover various aspects of somatic embryogenesis as a valuable tool in basic cell biology and tree genetic research and in the long-term ex situ conservation of genetic resources via cryopreservation techniques, as well as in mass propagation, as well. Potential topics include, but are not limited to: • Somatic embryogenesis • Tree biotechnology • Tree products • Cryopreservation • Mass propagation • Genetic diversity • Climate change • Plant breeding

### Guest Editors

Dr. Marcos Edel Martinez-Montero

Department of Plant Breeding and Plant Conservation, Bioplantás Center, University of Ciego de Avila, Ciego de Ávila 65200, Cuba

Dr. Judit Dobránszki

Centre for Agricultural Genomics and Biotechnology, Faculty of the Agricultural and Food Science and Environmental Management, University of Debrecen, 4400 Nyíregyháza, Hungary

### Deadline for manuscript submissions

closed (25 June 2024)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 4.4



[mdpi.com/si/128169](https://mdpi.com/si/128169)

*Forests*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)





# Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 4.4



[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)



## About the Journal

### Message from the Editorial Board

*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.

---

### Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

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 - Q1 (Forestry) / CiteScore - Q1 (Forestry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).