



## Somatic Embryogenesis and Organogenesis on Tree Species

Guest Editors:

**Dr. Marcos Edel Martinez-Montero**

Department of Plant Breeding  
and Plant Conservation,  
Bioplasmas Center, University of  
Ciego de Avila, Ciego de Avila  
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

### 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.

Deadline for manuscript  
submissions:

**25 June 2024**

Potential topics include, but are not limited to:

- Somatic embryogenesis
- Tree biotechnology
- Tree products
- Cryopreservation
- Mass propagation
- Genetic diversity
- Climate change
- Plant breeding





# forests



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**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*)

## Contact Us

---

Forests Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/forests  
forests@mdpi.com  
X@Forests\_MDPI