



*forests*

an Open Access Journal by MDPI



## Application of Plant Biotechnology in Forestry

Guest Editors:

**Dr. Ricardo Javier Ordás**

Institute of Biotechnology of  
Asturias, University of Oviedo,  
33009 Oviedo, Spain

**Dr. José Manuel Álvarez Díaz**

Institute of Biotechnology of  
Asturias, University of Oviedo,  
33009 Oviedo, Spain

Deadline for manuscript  
submissions:

**closed (1 March 2023)**

### Message from the Guest Editors

Forest trees constitute the majority of continental biomass and terrestrial biodiversity. They provide various ecological services and are a source of raw material for many essential purposes. In recent years, the need for wood and its derivatives has increased, and will continue to do so. Biotechnological tools such as genomic selection, micropropagation and genetic engineering will play an essential role in meeting this demand with the smallest possible environmental impact. The objective of this Special Issue is to deepen our knowledge of the latest biotechnological approaches to forestry, such as rejuvenation through clonal propagation, including cuttings, micrografting and tissue culture; haploid generation; somatic embryogenesis; protoplast fusion; cryopreservation of germplasm; genetic engineering; and functional mapping of quantitative trait loci.



[mdpi.com/si/105635](https://mdpi.com/si/105635)

# Special Issue



# 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