



forests

an Open Access Journal by MDPI



Cultivation, Development, and Utilization of Multifunctional Tree Species

Guest Editors:

Prof. Dr. Shengzuo Fang

College of Forestry, Nanjing
Forestry University, Nanjing
210037, China

Prof. Dr. Hailong Shen

School of Forestry, Northeast
Forestry University, Harbin
150040, China

Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editors

With the decrease in natural forests, developing plantations is the key method to extending forest ecosystem services. Multifunctional trees can simultaneously contribute to multiple societal objectives, and planting multifunctional trees can promote not only ecosystem services but also economic activity and social cohesion. As a result, they represent an attractive means for improving rural livelihoods.

This Special Issue focuses on multifunctional tree species with great development potential, such as *Cyclocarya paliurus*, *Pinus koraiensis*, *Cinnamomum camphora*, *Ginkgo biloba*, and so on, and aims to increase our understanding of how the genotype, environment, and management practices impact tree growth, targeted biomass production, and quality. We encourage contributions from around the world in all fields of study related to biomass production, phytochemicals, biological activities, vegetative propagation, genotype-environment interactions, secondary metabolite regulation, as well as wood quality for potential multifunctional trees in order to optimize their oriented cultivation pattern.



mdpi.com/si/130172

Special Issue



forests



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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.

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 - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/forests
forests@mdpi.com
[X@Forests_MDPI](https://twitter.com/Forests_MDPI)