



## Rare, Non-native and Invasive Plant Species: Structure, Properties and Potential Applications

Guest Editor:

**Dr. Maks Merela**

Department of Wood Science  
and Technology, Biotechnical  
Faculty, University of Ljubljana,  
1000 Ljubljana, Slovenia

Deadline for manuscript  
submissions:

**closed (21 July 2023)**

### Message from the Guest Editor

Dear Colleagues,

Due to the rapidly growing demand, finding new sources of raw materials already presents a real challenge. Current studies on ongoing projects show that alien and invasive plant species can be an important source of raw materials. In this Special Issue, we focus mainly on research into rare, non-native, and invasive species from which we can extract raw materials for the manufacture of various products. For example, such trees are most often found in an urban environment. Of course, we cannot expect the same material efficiency from trees from urban environments as from commercially managed forests. Trees in the urban environment are often damaged by various interventions and consequently infected with various fungi. Early changes in wood cause a series of successive processes that affect the anatomical and chemical structure as well as other properties of the wood. Nevertheless, the use of wood from urban trees of non-native species has certain advantages. We can find extremely colorful and above all unique textures in certain species, which are simply not present in native conventional species.





# 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