



## Fast-Growing Trees Species—Opportunities and Risks for Sustainable Agricultural and Forest Land Use Systems

Guest Editor:

**Prof. Dr. Dirk Landgraf**

Faculty of Landscape  
Architecture, Horticulture and  
Forestry, University of Applied  
Sciences Erfurt, Leipziger Strasse  
77, 99085 Erfurt, Germany

Deadline for manuscript  
submissions:

**closed (31 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

Cultivation systems with fast-growing tree species are often discussed controversially in both science and practice. They are very diverse and pose opportunities as well as risks for land users and the surrounding ecosystems. Many different tree species and their varieties can be established on sites (usually) used for forestry; they can also be grown in short-rotation plantations (SRC) or in agroforestry systems (AFS) on agricultural soils. In most cases, the goals of the land users determine the choice of tree species and cultivation system, the rotation times, and their management. Thus, there is not only a large variety of management variants and technical and technological innovations, but also a large number of interactions with the surrounding ecosystems. In addition to the considerable effects on biodiversity in different landscapes, the tree–soil interactions also play an important role. For this reason, this Special Issue is intended to present new findings from science and practice in this broad field of fast-growing tree species cultivation in all its forms.





# 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