



*forests*



an Open Access Journal by MDPI

## Plant Invasions in Forest Ecosystems: Understanding Arrival, Expansion and Management

Guest Editors:

**Dr. Jun Liu**

Jiangxi Province Key Laboratory  
for Bamboo Germplasm  
Resources and Utilization,  
College of Forestry, Jiangxi  
Agricultural University, Nanchang  
330045, China

**Dr. Zachaeus Compson**

Department of Biological  
Sciences, Advanced  
Environmental Research  
Institute, University of North  
Texas, Denton, TX 76203-5017,  
USA

Deadline for manuscript  
submissions:

**closed (30 November 2025)**

### Message from the Guest Editors

Alien plant species invasions pose serious threats to forest ecosystems by impacting biodiversity, ecological functions, and human interactions. The focus of this special issue is to understand the complex dynamics of plant invasions in forest ecosystems, to develop effective management strategies. This collection of articles aims to contribute valuable knowledge to mitigate the adverse effects of plant invasions and promote the coexistence of native and invasive alien species in forest environments sustainably. Further research will delve into the impacts of plant invasions on the ecological-chemical processes of the soil in forest ecosystems, as well as their role in forest carbon and hydrological cycles. Attention will also be given to the interplay between plant invasions and climate change, exploring their adaptability and influence on forest ecosystems under changing climatic conditions. This special issue serves as a platform for the scientific community and managers to gain a comprehensive understanding of the intricacies of plant invasions, driving us towards a more holistic approach to confront and address the challenges they pose to forest ecosystems.



[mdpi.com/si/194590](https://mdpi.com/si/194590)

**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