

## Special Issue

# Response of Forests to Climate Change: Tree-Ring Analysis and Wood Anatomy

### Message from the Guest Editor

Climate warming has important impacts on forest growth, structure, and function, as well as on productivity and carbon storage. For sustainable forest management, therefore, it is critical to understand the effects of climate warming on growth of trees and forests, as well as terrestrial forest ecosystem productivity using various approaches. Tree-ring analysis can provide insights on the seasonal/annual time scale, while wood anatomy and the micro-sampling approach allow us to obtain knowledge on a weekly time scale. We encourage authors of studies on tree-ring- or wood-anatomy-based studies from all fields, including experimental studies, monitoring approaches, and models, to contribute to this Special Issue in order to promote knowledge and strategies for sustainable forest management in the context of global change. Dr. Jian-Guo Huang

### Guest Editor

Dr. Jianguo Huang

Center of Ecology and Environmental Research, South China Botanical Garden of the Chinese Academy of Sciences, Guangzhou, China

### Deadline for manuscript submissions

closed (30 June 2023)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/92154](https://mdpi.com/si/92154)

*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)





# Forests

---

an Open Access Journal  
by MDPI

---

**Impact Factor 2.5**  
**CiteScore 4.6**



[mdpi.com/journal/  
forests](https://mdpi.com/journal/forests)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

---

### Author Benefits

#### 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)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).