

# Special Issue

## Effects of Wind on Trees

### Message from the Guest Editor

Aspects of wind–tree interactions to be covered in this Special Issue of *Forests* include wind-induced tree vibrations, tree biomechanics, mechanistic and statistical modeling of storm damage to trees and forests, and tree adaption to wind climate. Studies dealing with the management of economic and ecological impacts of wind on trees and forests are also welcome. Keywords

- wind load
- wind-tree interactions
- root-soil interactions
- tree
- vibrations
- wind breaks
- wind acclimation
- natural disturbance
- storm
- damage, ecological and economic impacts of wind

---

### Guest Editor

Prof. Dr. Dirk Schindler

Department of Environmental Meteorology, Albert-Ludwigs-Universität Freiburg, 79085 Freiburg, Germany

---

### Deadline for manuscript submissions

closed (30 November 2020)



## Forests

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.6



[mdpi.com/si/32892](https://mdpi.com/si/32892)

*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).