



## Managing Indoor Wood Biodeterioration

Guest Editors:

**Dr. Anna Maria Vettrai**

Department for Innovation in  
Biological, Agro-Food and Forest  
Systems (DIBAF), University of  
Tuscia, 01100 Viterbo, Italy

**Dr. Luisa Ghelardini**

Department of Agri-Food  
Production and Environmental  
Sciences (DiSPAA), University of  
Florence, Florence, Italy

Deadline for manuscript  
submissions:

**closed (23 September 2024)**

### Message from the Guest Editors

Dear Colleagues,

Wood is one of the most widely used natural resources in human history for the production of not only furniture but also structural parts of buildings, religious and recreational objects, defense tools, and boats due to its high load-bearing capacity, good thermal insulation and stability, low carbon footprint, and versatility. However, the process of biodegradation introduces a challenge to its durability. All wood materials are vulnerable to physical and mechanical stresses and biotic deterioration, which can, in turn, be accelerated by extreme abiotic factors, particularly moisture. The durability of wood needs to be enhanced through sustainable approaches. We invite submissions of reports on original research and new developments in the field of wood durability mechanisms and strategies for the protection and preservation of wooden structures, wood-based building materials and wooden objects, including heritage elements, in indoor environments.





# 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