





an Open Access Journal by MDPI

Advances in Wood- and Bamboo-Based Materials: Modification and Assessment

Guest Editors:

Prof. Dr. Changhua Fang

International Centre for Bamboo and Rattan, 8 Futong East Street, Chaoyang District, Beijing 100102, China

Dr. Meiling Chen

College of Materials Science and Engineering, Nanjing Forestry University, Longpan Road 159, Nanjing 210037, China

Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editors

With the goal of highlighting recent advances in wood- and bamboo-based materials related to modification and assessment, this Special Issue will publish original research work or forward-looking literature reviews that focus on exploring wood/bamboo modification technologies, characterization, understanding the corresponding mechanisms of property improvement and applications of modified wood and bamboo-based composites. These areas include, but are not limited to, physical and chemical modification technologies involving new means of heat, light, electricity, sound, magnetism, biology and nanotechnology. Related works on advanced modified techniques and their practical applications in the abovementioned areas are also invited.

Keywords

- wood and wood-based materials
- hamboo and hamboo-based materials.
- modification
- assessment
- characterization











an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng

Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Giacomo Alessandro Gerosa

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

Message from the Editorial Board

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 - Q1 (Forestry) / CiteScore - Q1 (Forestry)

Contact Us