



Phenomenon of Wood Colour

Guest Editors:

Dr. Richard Hřčka

Department of Wood Sciences,
Technical University in Zvolen, T.
G. Masaryka 24, 96001 Zvolen,
Slovak Republic

Dr. Magdalena Broda

Department of Wood Science
and Thermal Techniques, Faculty
of Forestry and Wood
Technology, Poznan University of
Life Sciences, Wojska Polskiego
28, 60-637 Poznan, Poland

Dr. Vlastimil Borůvka

Department of Wood Processing
and Biomaterials, Faculty of
Forestry and Wood Sciences,
Czech University of Life Sciences
Prague, Kamýcká 129, 165 00
Prague, Czech Republic

Deadline for manuscript
submissions:

closed (25 June 2025)

Message from the Guest Editors

The perception of wood character includes its colour. The effects exerted on wood by surroundings through the surface, intensive heat transport through the surface or transforming energy for breaking chemical bonds of wood compounds significantly influence wood colour. Clarification of wood colour alteration mechanisms during such processes is desirable. We encourage experimental or theoretical studies to be incorporated into this systematic collection of information about wood colour, including measurement of wood colour, statistical approaches regarding wood colour, correlation of wood colour with properties of wood, wood colour during and after the interaction of wood with various forms of energy, the processes of forming new wood surfaces or their restoration, the colour of wood as a non-homogeneous, anisotropic and porous material, the reflectance and transmittance of wood, the wood colour under different illuminance, the colour of wood compounds, the colour of wood tissues, the wood defects colour, the colour of wood modified with different coatings, the wood texture as space distribution of colour on wood surfaces, and colours and texture of wood smart materials.





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