

# Special Issue

## Phenomenon of Wood Colour

### 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.

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### Guest Editors

Dr. Richard Hřčka  
Dr. Magdalena Broda  
Dr. Vlastimil Borůvka

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### Deadline for manuscript submissions

closed (25 June 2025)



## Forests

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### Editor-in-Chief

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