

## Special Issue

# Behaviour and Analysis of Timber–Concrete Composite Structures

### Message from the Guest Editors

The combination of timber with concrete, a stiffer material with high compressive strength, significantly increases the load-bearing capacity, the overall stiffness of the structure, and resistance to the effects of the surrounding environment, thus extending the service life of the structure. In addition, compared to concrete, timber–concrete composite is a sustainable structural material that uses renewable natural resources, is associated with lower carbon emissions, and requires a small amount of energy for its production. This Special Issue focuses on structural and property analysis of timber–concrete composites and provides a forum for the publication of research papers, short communications, and review papers that advance the behaviors, analysis and testing methods, and applications of timber–concrete composites, as well as the properties of timber–concrete connections. We hope that the contributions to this Special Issue will promote knowledge related to structural solutions, behavior analyses, production technologies, and both rigid and compliant timber–concrete connections for timber–concrete composite structures.

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### Guest Editors

Prof. Dr. Dmitrijs Serdjuks

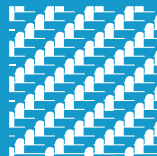
Dr. Karīna Buka-Vaivade

Dr. Vjaceslavs Lapkovskis

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### Deadline for manuscript submissions

31 December 2025



## Journal of Composites Science

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*Journal of Composites Science*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jcs@mdpi.com](mailto:jcs@mdpi.com)

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#### Editor-in-Chief

Dr. Francesco Tornabene  
Department of Innovation Engineering, University of Salento, 73100  
Lecce, Italy

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