Special Issue

Innovations in Engineered Wood for Sustainable and Resilient Construction

Message from the Guest Editors

As the construction industry transitions toward low-carbon sustainable solutions, sawn timber and engineered wood products (EWPs) are gaining prominence due to their renewability, structural efficiency, and low embodied energy. This Special Issue seeks to bring together cutting-edge research and industry perspectives on the use of timber and EWPs in modern construction. It will explore advances in timber engineering, product development, durability enhancement, structural performance, and design practices that enable broader adoption in low-rise, mid-rise, and complex buildings. Submissions are invited on topics ranging from material characterisation and manufacturing innovations to design codes, performance modelling, life-cycle assessment, and hybrid construction systems. Research on codes and standards, prefabrication, and resilience in fire, seismic, and moisture contexts are also welcome. This Special Issue aims to bridge the gaps between science, engineering, and practice—providing valuable insights for researchers, designers, builders, and policymakers working to integrate wood more effectively and responsibly into the built environment.

Guest Editors

Dr. Assaad Taoum
School of Engineering, University of Tasmania, Hobart, Tasmania, Australia

Prof. Gregory Nolan
School of Architecture and Design, Architecture and Design, University of Tasmania, Hobart, Tasmania, Australia

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

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