

Special Issue

Processing and Manufacturing of Wood-Based Composites

Message from the Guest Editors

Wood-based composites are made from various wood or ligno-cellulosic non-wood materials (shape and origin) that are bonded together using either natural bonding or synthetic resin (e.g., thermoplastic or duroplastic polymers), or organic (e.g., plastics)/inorganic binders (e.g. cement). This product mix ranges from panel products (e.g., plywood, particle board, strand board, or fiber board) to engineered timber substitutes (e.g., laminated veneer lumber or structural composite lumber). These composites are used for a number of structural and non-structural applications in product lines ranging from interior to exterior applications (e.g., furniture and architectural trims in buildings). This Special Issue will present articles on basic and applied research that deals with water-composite relations, composite durability, composite modification, composite mechanics, engineered wood products, energy conversion, eco-efficient wood-based products, and so on.

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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