

Special Issue

Advances in Wood-Based Composites from Alternative Lignocellulosic Raw Materials

Message from the Guest Editors

This Special Issue, “Advances in Wood-Based Composites from Alternative Lignocellulosic Raw Materials”, is aimed at collecting high-quality original research and review articles on topics including (but not limited to) the latest approaches in wood waste and by-product utilization; the development of wood waste-based composites; advanced recycling of post-consumer solid wood and wood-based composites; the cascading use of wood; life cycle assessments of wood composites; wood-polymer composites; the valorization of wood bark for value-added chemicals and the production of high-performance wood composites; biodegradable, eco-friendly wood-waste-based composites; the application of nanomaterials to wood composites; non-wood lignocellulosic composites; and advanced functionalities and application of wood-waste-based composites. Keywords:

- wood-waste-based composites; lignocellulosic composites
- recycling; recovered wood; post-consumer wood; cascading use of wood
- life cycle assessment
- biopolymer composites; binderless wood composites
- reinforced composite structures
- nanotechnology and nanomaterials in wood composites

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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