

Special Issue

Biocomposite Materials Derived from Forest Biomass Management

Message from the Guest Editor

The management of forests requires the removal of biomass from the surface of the soil for the formation of humus. These processes produce a large quantity and variety of lignocellulosic materials, which aren't often adapted to energy recovery via combustion. They can be employed as a secondary source of lignin, cellulose and relevant products, including biocomposites, on which this Special Issue specifically concentrates. These materials could provide a substitute for petrochemical resins and wood-plastic composites in order to limit the depauperating of planet resources, would also offer more accurate control with regard to the botanical species and performance obtained by the material, resulting in more facile and accurate traceability. This SI emphasizes the use of local products, in a context that promotes the significant import/export of wood-related products but doesn't impose controls regarding their origin and forest management. The increasing number of "zero km" botanical species could be utilized as a source of secondary raw materials for biocomposites supports this interest and constitutes a trend that is likely to continue in the coming years.

Guest Editor

Dr. Carlo Santulli

School of Sciences and Technologies, Università di Camerino, Via Gentile III da Varano 7, 62032 Camerino, Italy

Deadline for manuscript submissions

closed (30 January 2026)



Forests

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
forests@mdpi.com

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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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