

Special Issue

Green Composites: Challenges and Opportunities (Second Volume)

Message from the Guest Editors

The current global situation has dramatically shown that “unsustainable” development can lead to several unexpected and potentially catastrophic consequences. The new issues around environmental protection cannot be neglected and, from the point of view of materials scientists, this means that we also have a “moral duty” to focus on more environment-friendly materials and systems. Among the possible pathways, the development and utilization of polymer (and biopolymer) composites filled with natural–organic fillers (biodegradable and/or coming from renewable resources) as a replacement for traditional mineral–inorganic fillers can be of significant help in reducing the utilization of petroleum-derived, non-renewable resources and achieving a more intelligent use of environmental and financial resources.

Therefore, in this second edition of this Special Issue, we aim to provide an updated and more thorough overview of the recent developments and new proposals in this field. Reviews, full papers, and short communications covering the many aspects of the current research on green composites are all welcome.

Guest Editors

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About the Journal

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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