

Special Issue

Green Insulating Materials for Automotive, Construction, and Industrial Applications

Message from the Guest Editors

In the current era, the principles of circular economy and energy saving are pillars of international protocols and agreements. The need for more versatile solutions has led to an increasing interest in environmentally friendly materials produced using green components like biobased fillers, organic additives originating from waste, and renewable resources. Two principal factors support this choice: firstly, the use of green components in place of traditional materials to reduce environmental harm; secondly, the enhancement of thermal, physical, and acoustic performances. In this context, the use of by-products and waste to develop highly efficient materials represents an emerging research topic in various fields, with industrial, civil engineering, and automotive applications. Studies and experimental research on different types of components and materials are welcome for this Special Issue and will be used to build an overview of the strategies to adopt. Papers can be reviews, case studies, original studies, or meta-analyses.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2025)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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