

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

Prof. Dr. Francesco Martellotta

Dr. Stefania Liuzzi

Dr. Chiara Rubino

Deadline for manuscript submissions

closed (31 January 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/194907

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)