



Advanced Composite Materials and Structures: Innovations and Applications

Guest Editors:

Dr. Spyridon Psarras

Department of Mechanical
Engineering and Aeronautics,
University of Patras, 26504
Patras, Greece

Prof. Dr. Kostopoulos Vassilis

Applied Mechanics Laboratory,
Mechanical Engineering and
Aeronautics Department,
University of Patras, Rio Campus,
26500 Patras, Greece

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Message from the Guest Editors

Advanced composite materials and structures play a crucial role because they may provide lightweight, highly effective, and adaptable solutions for a variety of sectors. In particular, modern composite materials and structures are crucial for engineering applications. This helps to promote efficiency, sustainability, and technological innovation.

Articles covering all areas of recent advances in science and technology in this multidisciplinary topic may be found in this Special Issue. The subjects of interest are as follows:

- The physical, chemical, mechanical, and other properties of advanced composites, in addition to the materials that compose them.
- Composite materials that exhibit multiple functionalities beyond their primary structural role.
- Theoretical and experimental studies linking microscopic to macroscopic behavior.
- Testing and evaluation, with a focus on environmental effects and reliability.
- Innovative methods for creating different kinds of composites and creating structural components out of these materials.
- Design and analysis for particular applications.





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Editor-in-Chief

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

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.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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