

Special Issue

Advanced Composite Materials from Natural and Synthetic Sources: Fabrication, Characterization and Practical Application, Volume II

Message from the Guest Editors

The topic of composite materials continues to evolve in terms of range, research activities and technological importance. Composites now constitute one of the broadest and most important classes of engineering materials with industrial significance and a wide range of biomedical applications. In general, composite materials are either derived from natural origins or are synthetic-based, such as reinforced rubber, filled polymers, collagen, chitosan, graphene, carbon nanotubes, alloys, porous and cracked media, fiber composites, polycrystalline aggregates (metals), etc. The types of composites and their properties are highly dependent on their use in practical applications. Therefore, it is necessary to understand the beneficial effects of natural composite materials in distinction from the synthetic composites. The purpose of the present Special Issue is to collect all recent advanced works in the field of biomaterials on natural and synthetic-based materials, mainly focusing on fabrication, characterization and practical applications. We warmly welcome researchers to submit full-length articles, reviews (short, comprehensive and comparative) and clinical studies.

Guest Editors

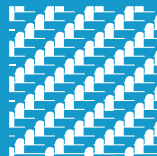
Dr. Jeevithan Elango

Dr. Kuppusamy Kanagaraj

Dr. Natesan Thirumalaivasan

Deadline for manuscript submissions

closed (31 May 2025)



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Journal of Composites Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcs@mdpi.com

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Editor-in-Chief

Dr. Francesco Tornabene
Department of Innovation Engineering, University of Salento, 73100
Lecce, Italy

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