

Special Issue

Composite Structures Reinforced by Nano Materials: Applications, Theories and Experiments

Message from the Guest Editors

Composite materials have become the center of attention in both applied research and basic science, because of their great technological potential in producing new materials, which can outperform materials available today. Possible combinations of matrices, reinforcing agents and technological procedures not only provide extensive options for designers, but also extend research fields required to achieve all requested information for safe designs. This Special Issue aims to solicit recent promising developments in nanomaterial-reinforced composite structures simulation, characterization, and modeling, in terms of both design and manufacturing, including industrial scale and experimental case studies.

Keywords:

- Composite structures;
- Nanocomposites;
- Biomedical composites;
- Fiber-reinforced composites;
- Manufacturing, processing, properties and performance;

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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

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