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Graphene Based Nanocomposite Materials for Smart Structural Applications

Guest Editors:

Dr. Tanvir Qureshi

Department of Geography and Environmental Management, University of the West of England, Bristol BS16 1QY, UK

Dr. Guorui Wang

Department of Mechanical & Industrial Engineering, University of Toronto, Toronto, ON M5S 3G8, Canada

Deadline for manuscript submissions:

closed (20 February 2022)

Message from the Guest Editors

Dear Colleagues,

The Guest Editor is inviting submissions to a Special Issue of *Energies* on the subject area of “Graphene-Based Nanocomposite Materials for Smart Structural Applications”. Graphene-based nanomaterials have started to show a promising performance in the improvement and modification of advanced construction materials for smart structural applications. There have been many emerging techniques for the incorporation of graphene-based materials for multifunctional composite systems, smart self-sensing, strength, and overall service performance enhancement during engineering structural applications. The modification of sustainable construction materials and optimisation and control techniques are important for the efficient use of energy systems.

This Special Issue will deal with novel graphene-based nanocomposite materials development, properties and performance optimisation, data processing, and application techniques leading to smart structural applications.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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