

## Special Issue

# Advancements in Polymer Composite Materials: Reinforcement, Nano-Engineering, and Sustainable Manufacturing Techniques

### Message from the Guest Editors

This Special Issue, entitled “**Advancements in Polymer Composite Materials: Reinforcement, Nano-Engineering, and Sustainable Manufacturing Techniques**”, welcomes the submission of high-quality original research articles and reviews that showcase the latest innovations and developments in the field. The scope of this Special Issue includes, but is not limited to, the following topics:

- Sustainable polymer composites derived from bio-based or renewable resources;
- Polymer composites developed from recycled materials;
- Carbon-based polymer composites with an emphasis on sustainability;
- Sustainable design strategies for polymer composites;
- Multifunctional polymer composites for advanced applications;
- Life cycle assessment and environmental impact evaluation of polymer composites;
- The development of sustainable manufacturing for polymeric composite materials with applications in devices with a high mechanical performance and high energy storage.

### Guest Editors

Dr. Sakrit Hait

Dr. Miroslav Slouf

Dr. Chungfu Cheng

### Deadline for manuscript submissions

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## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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