



## Emerging Polymeric Materials and Its Versatile Application

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### Message from the Guest Editor

Polymeric composite materials have fascinating applications in multiple sectors due to their improved physico-chemical properties. In recent years, there has been an emerging interest in the development of polymer-based nanocomposites in order to achieve desired properties in line with required applications. Reinforced polymeric nanocomposites with metals, metal nanoparticles, metal oxides, graphene, carbon nanotubes, clay, fibers, etc. exhibit improved opto-electronic, magnetic, and mechanical properties owing to their distinct interfacial properties and hence they are utilized for applications in various fields.

This Special Issue considers the fabrication and characterization of emerging polymeric nanocomposites which are explored for various applications in bio-medicine, catalysis, bio-devices, sensors, fuel cells, environmental remediation, membrane technology, tissue/bone-engineering, and drug delivery vehicles with the objective of sharing the recent advanced trends of different polymeric nanocomposite materials and their perspectives for the future.





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## Message from the Editor-in-Chief

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