# Special Issue

# Biomass-Derived Nanocomposites

## Message from the Guest Editor

Biomass-derived nanocomposites are a class of innovative materials that merge the advantages of renewable biomass resources with the unique properties of nanoscale components. These nanocomposites hold immense promise for a wide range of applications across diverse industries due to their exceptional mechanical, thermal, and electrical properties. By incorporating nanomaterials into biomass-derived matrices, researchers aim to enhance the overall performance and functionality of the resulting composites. Moreover, utilizing renewable biomass sources contributes to sustainable and eco-friendly alternatives in material development. The scope of the present Special Issue on Nanomaterials encompasses various research areas. Key focuses involve the synthesis and characterization of these nanocomposites, understanding the interactions between biomass-derived components and nanoparticles, and exploring their application potential in fields such as biomedicine, environmental remediation, energy storage, and structural materials. Please see more details at the following link: mdpi.com/si/180616.

## Guest Editor

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## Deadline for manuscript submissions

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Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

## Editor-in-Chief

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