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Innovative and Eco-Friendly Nanomaterials

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Message from the Guest Editor

This Special Issue will include research into the design, characterization, production, and applications of nanoscale materials by focusing a special attention on all the aspects relating to the respect for human health and environmental safety. The most recent research concerning these worthwhile questions will be welcome in this Special Issue of *Nanomaterials*.

Keywords:

- Nanomaterials
- Eco-friendly nanomaterials
- Eco-friendly nanoparticles
- Sustainable and scalable nanomaterials synthesis
- Eco-friendly nanomaterials synthesis
- Nanomaterials for eco-friendly applications
- Green synthesis
- Green chemistry
- Nanomaterials toxicity
- Environmental impact
- Nanobioremediation
- Health and safety issues



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Message from the Editor-in-Chief

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.

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