Special Issue

Engineered Nanomaterials for Environmental and Health Applications: Third Edition

Message from the Guest Editors

Over the last few decades, due to the intensive development of nanotechnology, engineered nanomaterials (ENMs) have been released, intentionally or accidentally, into the environment. The number of ecotoxicological studies on ENMs has rapidly increased over the past few years, and they have raised several critical issues. On the other hand, the application of nanotechnology in the environment includes the use of ENMs to clean up polluted media, such as soil, water, air, groundwater, and wastewater (nanoremediation). The objective of this Special Issue of *Nanomaterials* is to highlight advances in environmental and health applications of ENMs. Topics of particular interest include the following:

- The influence of ENMs on environmental pollution and associated organisms;
- Sustainable (nano)solutions for environmental remediation;
- Effects of exposure to ENMs on human health;
- New ENMs for the diagnosis, prevention, and treatment of disease;
- ENMs for the identification of disease biomarkers.

Guest Editors

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Deadline for manuscript submissions

11 July 2025

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.4
CiteScore 8.5
Indexed in PubMed

mdpi.com/si/221155

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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.

Editor-in-Chief

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