



an Open Access Journal by MDPI

Ecotoxicity Assessment of Nanomaterials: Latest Advances and Prospects (2nd Edition)

Guest Editors:

Dr. Vera Lúcia Maria

Department of Biology & CESAM,
University of Aveiro, 3810-193
Aveiro, Portugal

Dr. Ângela Barreto

Department of Biology & CESAM,
University of Aveiro, 3810-193
Aveiro, Portugal

Deadline for manuscript
submissions:

closed (20 June 2025)

Message from the Guest Editors

Dear Colleagues,

Nanotechnology offers societal benefits, but engineered nanomaterials (ENMs) raise environmental concerns. Our Nanomaterials Special Issue tackles ENM ecotoxicity, seeking insights into their fate, uptake, and impacts. We invite research on multi-endpoint ecotoxicity assessment, bioaccumulation, long-term exposure effects, ENM-biological interactions, and future challenges. Your contributions will advance our understanding of ENM ecotoxicity. See more information at <https://www.mdpi.com/si/197597>

Best regards,

Dr. Vera Lúcia Maria

Dr. Ângela Barreto

Guest Editors



[mdpi.com/si/197597](https://www.mdpi.com/si/197597)



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science,
University of Birmingham,
Birmingham B15 2TT, UK

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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General Chemical Engineering)

Contact Us

Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nanomaterials
nanomaterials@mdpi.com
[X@nano_mdpi](https://twitter.com/nano_mdpi)