Special Issue

Risk Analysis and Assessment of Nanomaterials

Message from the Guest Editors

The use of nanomaterials represents a great challenge for environmental, health, and safety specialists, and the development of tools and methods for risk assessment (RA) and management for the safe use of nanomaterials is called for. With access to efficient and practical RA tools, the safe handling of these materials can be achieved faster and more accurately than through extensive literature research and unreliable exposure assessments. This Special Issue of *Nanomaterials* will cover the topics of nanomaterial safety, new methods for risk assessment, safe management of nanomaterials and practical solutions to human and environmental safety issues related to the use, manufacture, and handling of nanomaterials.

Guest Editors

Dr. Thierry Meyer
Dr. Elina BUITRAGO
Dr. Anna Maria NOVELLO

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Nanomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nanomaterials@mdpi.com

mdpi.com/journal/nanomaterials

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

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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