Special Issue

Research on Analysis and Environmental Risk Assessments of Nanomaterials

Message from the Guest Editor

Nanomaterials have been widely used in various fields such as environment protection, energy storage and transformation, and biomedicine due to their unique physicochemical properties. Unfortunately, such large-scale production and use of nanomaterials would inevitably lead to their release into the environmental system and then potentially increase the risks of ecosystem and human exposure. However, for most emerging nanomaterials, knowledge remains limited or completely lacking on their environmental fate, human exposure pathways, and potential health risks. Therefore, this Special Issue is committed to delivering the latest scientific development and important findings from emerging nanomaterial applications and exerting toxicological data.

Guest Editor

Dr. Xinxin Li

College of Environment and Safety Engineering, Qingdao University of Science and Technology, Qingdao 266042, China

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

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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

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

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