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Engineered Nanomaterials Exposure and Risk Assessment: Occupational Health and Safety

Guest Editor:

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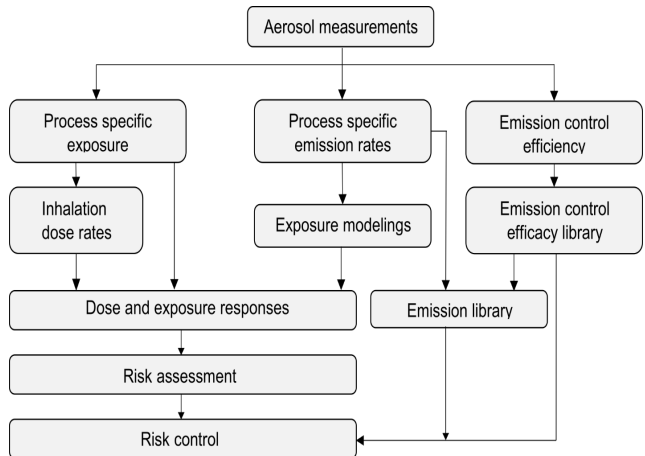
University of Helsinki, Institute for Atmospheric and Earth System Research (INAR), Helsinki, Finland; Air Pollution Management, Copenhagen, Denmark

Message from the Guest Editor

The titled Special Issue aims to cover all main steps in nanomaterial safety assessment as shown in the Figure. This include aerosol measurements, particle characterization, pollution mass flow analysis, exposure and dose assessment in biologically relevant metrics, and hazard assessment of released particles. We warmly welcome high-quality nanosafety studies addressing risk management based on source specific exposure levels and well justified hazard responses.

Deadline for manuscript submissions:

closed (15 December 2021)





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Editor-in-Chief

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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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