



Current Knowledge of Nanomaterial Ecotoxicology

Guest Editors:

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Message from the Guest Editors

We would like to introduce a Special Issue on the toxicology, ecotoxicology, and environmental chemistry of nanomaterials to summarize the current knowledge on the risks and benefits of nanoscale materials, including nanoparticles and nanoplastics. Nanomaterials are emerging contaminants that are continuously released into the environment as a result of their extensive use in industry, medical care, and consumer goods, to name a few. Significant progress on the measurement and management of the associated hazards and risks of nanomaterials is evident; however, there are many challenges ahead and controversies that need to be focalized in an ecological context. Knowledge transfer from toxicology, chemistry, and environmental sciences to ecotoxicology becomes a valuable tool for nano-related human and environmental risk assessment and management. For this Special Issue, we would like to collect the current knowledge of nanomaterials from an ecotoxicological perspective, which is understood to be a multi-disciplinary field that brings together and integrates the other disciplines cited above.

Original research articles, reviews, comments, and perspectives are all welcome.

