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The Impact of Nanomaterials on the Environment

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Message from the Guest Editor

The study of nanomaterials is currently one of the highest priority research fields across the globe, as a result of its immense potentiality and economic impact. Nanomaterials are widely used in the fields of science, technology, healthcare, industry, and agriculture. The unique characteristics of nanoparticles enable them to provide environmental solutions that reduce the formation and emission of pollutants. However, due to uncertainties and irregularities in shape, size, and chemical composition, the presence of certain nanomaterials may exert adverse impacts on the environment, as well as human health, during the manufacturing process when nanomaterials are released. A core understanding of the factors affecting the accumulation, aggregation, deposition, translocation, and distribution of nanomaterials (natural or engineered) in our ecosystem is essential.

This Special Issue aims to highlight recent progress and new developments in the identification of the environmental effects of nanomaterials.



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Special Issue



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Message from the Editor-in-Chief

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