



Application of Nanocomposites in the Environment

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Message from the Guest Editors

Technology development, population growth, and overconsumption contribute to continuous environmental degradation, which has an impact on human health, loss of biodiversity, ozone layer depletion, economy, etc. Progressive environmental degradation is dangerous not only for humans but also for the entire ecosystem. The damage caused by environmental degradation is mostly irreversible or will take hundreds of years to fix. Therefore, environmental protection is extremely important. Nanocomposite-based polyelectrolytes, metal nanoparticles, and metal oxide nanoparticles possess an unusual ability to bind impurities; thus, in the environment, they are widely applied for the treatment of contaminants and sensing and detection pollutants. These nanomaterials are also used as effective platforms for adsorption of impurities and the controlled release of bioactive substances.

Research papers, reviews, and conference reports from a broad range of scientific disciplines devoted to these research goals are welcome to this Special Issue.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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