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Advances in Environmental Behavior of Nanomaterials

Guest Editor:

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Deadline for manuscript submissions:
closed (1 September 2022)

Message from the Guest Editor

Dear Colleagues,

Nanotechnology is a frontier science and technology field which has developed rapidly in recent years. According to chemical composition, nanomaterials can be divided into carbon nanomaterials, metal and oxide nanomaterials, quantum dots, nanopolymers, nanocomposites, etc. Due to their small size and special structure, nanomaterials have many unique physicochemical properties, such as a large specific surface area and high reactivity, which makes nanomaterials superior to other materials in many aspects. Nanomaterials have broad application prospects in the environment, energy, life, etc. In the field of environmental protection, nanomaterials have been used to treat polluted water, soil, and air and have shown excellent treatment performance. However, nanomaterials can enter the environmental through a variety of ways during their production and use, which may bring unpredictable effects on the ecological environment.

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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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