

Special Issue

Advances in Environmental Behavior of Nanomaterials

Message from the Guest Editor

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 environment through a variety of ways during their production and use, which may bring unpredictable effects on the ecological environment.

Guest Editor

Dr. Ying Zhang

College of Environmental Science and Engineering, Nankai University,
Tianjin 300350, China

Deadline for manuscript submissions

closed (1 September 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal
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CiteScore 8.5
Indexed in PubMed



mdpi.com/si/99383

*International Journal of
Environmental Research and
Public Health*

Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

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