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Ecological Risk Assessment of Pollutants in Aquatic Environments

Guest Editor:

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Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editor

Dear Colleagues,

Controlling the ecological risks in the water environment remains a grim situation. To prevent the occurrence of major water environmental pollution events, it is crucial to objectively and accurately assess the potential adverse effects of pollutants on water ecosystems.

The topics of VSI include, but are not limited to, the following:

1. The occurrence and distribution of pollutants in typical waters (water that does not contain drinking water).
2. Advanced detection methods of emerging contaminants, in particular, in aquatic environments.
3. Environmental behaviors of contaminants, such as their adsorption, transformation, transportation and degradation in aquatic environments.
4. Advanced assessment and remediation technologies of pollutants in aquatic environments.
5. Toxicity and the associated toxic mechanisms of pollutants to aquatic organisms, the transmission of pollutants among food chains, and the human health risks of pollutants in aquatic environments.
6. Ecological risk assessment modeling of pollutants in aquatic environments.
7. Proposal of ecological risk assessment criteria for types of pollutants in aquatic environments.

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Editor-in-Chief

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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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