



The Environmental Assessment of Trace Metals in Water Ecosystems

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Message from the Guest Editors

Studies on the distribution of heavy metals in the environment, and the toxic effects of pollution are a key focus of ongoing research. Therefore, it is important to control and remove contaminants throughout the process and to properly understand their biogeochemical behavior and biological responses to them. This Special Issue on metals in the aquatic environment will focus mainly on studies on the occurrence, distribution, migration and transformation of emerging heavy metals and the factors affecting them; occurrence, migration, and transformation of heavy metals in various media; monitoring and analysis of heavy metals in aquatic environments; source identification, temporal and spatial distribution of heavy metals; heavy metal speciation; effects of heavy metals on ecosystems; exposure, bioaccumulation, toxic effect and risk assessment of environmental pollution by heavy metals.





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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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