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Environmental Geochemistry of Toxic Elements in the Environment

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Message from the Guest Editors

Dear Colleagues,

Toxic elements are ubiquitous environmental pollutants with certain or possible carcinogenic and mutagenic effects. Toxic elements can originate from both anthropogenic and natural processes. Mining activities of ferrous and non-ferrous resources (i.e., As, Cd, Hg, Tl, and Sb) contribute greatly to anthropogenic processes of the toxic elements that occur in the environment. In addition, the geochemical weathering of rocks also drives toxic elements into soils and waters of high geological background areas. Toxic elements from anthropogenic and natural sources could migrate and transform across the hydrosphere, lithosphere, and biosphere. Multiple processes, including physical, chemical, and biological activities, drive geochemical cycles and environmental effects of toxic elements.

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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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