

Special Issue

The Generation, Migration and Transformation, Impact Assessment, Prevention and Control Measures of Heavy Metals to Environmental Pollution

Message from the Guest Editors

Heavy metal pollution has been reported globally and obtained wide attention. Exposure to heavy metals such as mercury, lead, arsenic, chromium, and cadmium may result in adverse health effects to humans and even poisoning. Heavy metals in the environment can be contributed by both the natural origins (such as rock weathering and magmatic activities) and anthropogenic sources (such as industrial production and mining activities). The generation, migration and transformation, health risk assessment, and control measures of heavy metals are important topics in the field of environmental geochemistry and other related research areas.

This Special Issue is collecting papers aimed at a wide range of topics on heavy metals in the environment (not limited to):

- (1) Generation, transportation and fate of heavy metals in the environment
- (2) Soil and water contamination of heavy metals
- (3) Environmental geochemical behaviors of heavy metals
- (4) Risk assessment of heavy metals
- (5) Bioaccumulative mechanism of heavy metals
- (6) Advanced control measures of heavy metals

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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