



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

Guest Editors:

**Prof. Dr. Yuanan Hu**

School of Water Resources and  
Environment, China University of  
Geosciences (Beijing), Beijing  
100083, China

**Dr. Yafeng Wang**

College of Urban and  
Environmental Sciences, Peking  
University, Beijing, China

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### **Message from the Guest Editors**

Dear Colleagues,

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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### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

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*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
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