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Advances in Heavy Metal Removal from Contaminated Soil and Groundwater

Guest Editors:

Dr. Minhee Lee
Department of Earth Environmental Sciences, Pukyong National University, Busan 48513, Korea

Dr. Wooyong Um
Division of Advanced Nuclear Engineering/Division of Environmental Science and Engineering, Pohang University of Science and Technology (POSTECH), Pohang 37673, Korea

Deadline for manuscript submissions:
closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

We have the pleasure of inviting you to participate in a Special Issue of *Minerals* devoted to "Advances in Heavy Metal Removal from Contaminated Soil and Groundwater".

Soil and groundwater contamination by heavy metals became a serious problem in the second half of the twentieth century, raising public health concerns over the world. This Special Issue will focus on all aspects of advanced remediation procedures in heavy metal contaminated soil and groundwater and on seeking out new solutions in how to best use physicochemical and biological mechanisms, providing the highest efficiency to clean up heavy metals from soil and groundwater.

This Special Issue aims to cover a diverse range of research items such as migration, toxicity, and speciation of heavy metals in soil and groundwater systems and to develop advanced remediation technologies for heavy metals, bringing together researchers from various disciplines. We strongly encourage papers associated with advanced modifications and applications of reaction mechanisms and feasibility studies to improve heavy metal removal from soil and water systems.

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Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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minerals@mdpi.com
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