



Pollution and Remediation in Mining Areas

Guest Editors:

Dr. Wei Chen

Prof. Dr. Jiaquan Zhang

Dr. Peng Zeng

Dr. Qin Zhang

Prof. Dr. Jie Luo

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Message from the Guest Editors

Mining and smelting activities are the cornerstone for a model society, providing hugely important resources—for example, energy, metals and other valuable materials—for societal development around the world. However, these activities may produce some waste, such as tailings, waste residues, wastewater, and exhaust fumes that contain large amounts of pollutants, such as toxic heavy metals, which may result in severe pollution in the surrounding areas.

This Special Issue seeks papers on research topics include, but are not limited to:

1. Pollutant monitoring and characteristics, as well as source diagnosis in the areas impacted by mining and smelting
2. Processes and mechanisms of transport and transformation for pollutants during mining and smelting activities and impact on the surrounding areas;
3. Hazard characterization of pollutants, and assessment of their risks to ecology, the environment and human health;
4. Development and application of remediation methods, and restoration strategies in these areas;
5. Treatment and disposal of hazardous wastes from mining and smelting areas;
6. Corresponding strategies and practices for pollution management in these areas.





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Editor-in-Chief

Prof. Dr. Paul B. Tchounwou
RCMI Center for Urban Health
Disparities Research and
Innovation, Richard N. Dixon
Research Center, Morgan State
University, Baltimore, MD 21251,
USA

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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*International Journal of
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Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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