

## Special Issue

# Pollution and Remediation in Mining Areas

### 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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### Guest Editors

Dr. Wei Chen

Prof. Dr. Jiaquan Zhang

Dr. Peng Zeng

Dr. Qin Zhang

Prof. Dr. Jie Luo

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### Deadline for manuscript submissions

closed (1 March 2024)



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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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### Editor-in-Chief

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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