



## Critical and Precious Metals Recovery from Tailings

Guest Editors:

**Dr. Humberto Estay**

Advanced Mining Technology  
Center (AMTC), Universidad de  
Chile, Santiago 8380418, Chile

**Prof. Dr. Geoffrey S. Simate**

School of Chemical and  
Metallurgical Engineering,  
University of the Witwatersrand,  
Johannesburg 2050, South Africa

**Dr. Germán Velásquez**

Advanced Mining Technology  
Center (AMTC), University of  
Chile, Santiago 8380418, Chile

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submissions:

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### Message from the Guest Editors

Metal resources are more crucial than ever in current global energy transition efforts. Thus, the growing demand for critical metals has increased the price of precious metals, which has promoted interest into processing tailings to recover cobalt, rare earths, nickel, gold, silver, and platinum, among others...In this regard, the following topics are welcome to this Special Issue: (i) novel studies and developments in advanced geo-chemical and micro-chemical characterization of metal-host minerals; (ii) new proposals on the use of alternative reagents to extract critical and precious metals; (iii) novel developments to optimize the current methods of metal extraction, including reagent recovery processes; (iv) studies focused on developing compact and mobile unit operations; (v) examples of and developments in tailings remediation; and (vi) studies to support the poly-metallic processing approach and process integration, as well as life cycle assessment focused on tailing processing. Industrial experiences dealing with critical and precious metal recovery from tailings are also welcome.





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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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*Minerals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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