Special Issue

Heap Leaching for Metals Recovery

Message from the Guest Editors

Although today there are still many deposits to be explored and exploited, the residues of the mining industry and deposits with low metallic values represent an option for processing. In this aspect, there are many alternatives for the recovery of metallic values that can represent economic and environmentally friendly alternatives. Heap leaching is one of those alternatives and is a suitable industrial process used to extract not only precious metals, but also others such as copper and uranium, to mention a few. Special attention is paid to the efficiency of the reagents, their reactions, and, above all, the recovery of valuable metals through an adequate concentration that allows the use of adequate refining and separation techniques. That is why this Special Issue tries to show the most recent advances on the properties, efficiency and characteristics of heap leaching. In this way, all works related to the evaluation of the best parameters used in this process, as well as the treatment of residues and the efficiency of the process, are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)

Metals

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.3

mdpi.com/si/137662

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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