



Challenges in Mineral Processing

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Deadline for manuscript
submissions:

closed (20 November 2022)

Message from the Guest Editors

This Special Issue will focus on mineral processing, in particular froth flotation towards reducing overall costs, limiting the use of dangerous substances, decreasing waste streams and improving waste disposal.

We welcome all contributions that report on experimental and/or theoretical studies aiming for greater understanding and improvement about mineral processing. Potential topics include but are not limited to:

- Shorting Mineral Process: about magnetic/electric/gravitational/flotation separations for improving the utilization of new-type minerals for reducing the production cost
- Designing Flotations Agents: about capturing/precipitator/ dispersing agents with relative theoretical calculations for the reducing dangerous substances with low cost
- High-treating Solid Waste: about mineral processing tailing, red mud, coal ash, waste residues for the environmental protection
- Waste recycling: about the cycling of waste (for example, wastewater, waste tailing, waste battery, etc.) for the protection of ecological environment.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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