GIS Applications for Mining Systems and Mineral Resources: Planning and Modeling

Guest Editor:

Dr. Jangwon Suh
Department of Energy Resources and Chemical Engineering, Kangwon National University, Samcheok 25913, Republic of Korea

Deadline for manuscript submissions:
closed (20 December 2021)

Message from the Guest Editor

Dear Colleagues,

Various research and industrial applications using geospatial data have recently been developed, such as digital twins, unmanned aerial vehicles, augmented reality, and virtual reality in 4th industrial revolution era. State-of-the-art geographic information system (GIS) technologies enable supporting decision-making and better managing the mining industry during the entire mining project life cycle. From mine exploration to mine reclamation, GIS can help to increase ore production efficiency, optimize workflows and mine operations, and mitigate potential risk.

This Special Issue (SI) aims to encourage researchers to address GIS application research to mining systems and mineral resources in a broader sense. This SI will cover a broad spectrum of original research contributions and reviews on all fields of mining and mineral resources.

Dr. Jangwon Suh
Guest Editor

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us