Mathematical Modelling and Numerical Simulation in Mining Engineering

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Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to highlight various problems in the mining industry for which successful solutions are achieved using modern mathematical methods and numerical techniques.

The relevance of such studies is due to the need to ensure safe and energy-efficient mining operations in complex geological conditions. The safety and energy efficiency of mining processes are achievable with a comprehensive theoretical analysis of physical processes in mines using verified mathematical models, the parameters of which are adjusted according to experimental measurements.

Special Issue

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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