



Numerical Model and Artificial Intelligence in Mining Engineering

Guest Editors:

Dr. Zhi Yu

Prof. Dr. Jianhua Hu

Prof. Dr. Jian Zhou

Dr. Binglei Li

Deadline for manuscript
submissions:

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Message from the Guest Editors

We invite you to contribute to this Special Issue on “Numerical Model and Artificial Intelligence in Mining Engineering,” with original research focused on numerical simulations or AI techniques addressing challenges in the mining sector.

In this Special Issue, original research articles and reviews are welcome. Topics of interest include but are not limited to rock mechanics, drilling and blasting, rockburst prevention, and the application of machine learning techniques in mining engineering.

With the rapid advancement of computer technology, numerical simulation and artificial intelligence have emerged as innovative tools for addressing mining-related challenges. Numerical simulation allows for analyzing material unit scales, enabling researchers to gain a deeper understanding of on-site engineering issues and to analyze underlying scientific principles. Artificial intelligence, as one of today's leading-edge technologies, mimics human brain learning and knowledge application, offering novel solutions to complex nonlinear problems in mining. Consequently, new theories, technologies, and practical applications in these areas merit significant attention.





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Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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