

Special Issue

Modelling and Optimization for Sustainable Resource Development

Message from the Guest Editors

Modelling and optimization for sustainable resource development is expected to lead towards the seamless integration of waste management and mine planning systems. An integrated mine planning framework will ensure there is continuous reclamation during the process of mining, that final landscape designs are environmentally acceptable, resource sterilization is avoided and mineralized mine waste properly managed as a future resource. This Special Issue will be of interest to practitioners in the mining and environmental engineering industry, and stakeholders of the green economy.

This Special Issue aims to collect and present high-quality and new research that address modelling and optimization for sustainable resource development. Therefore, all papers should have a direct connection to the modelling, design, planning, scheduling, management and optimization for sustainable resource development. Researchers from all relevant disciplines are invited to consider this Special Issue in publishing their work in this area.

Guest Editors

Dr. Eugene Ben-Awuah
Dr. Angelina Anani
Prof. Dr. Yashar Pourrahimian

Deadline for manuscript submissions

closed (20 September 2024)



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Impact Factor 3.3
CiteScore 7.7



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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