Society of Mining Professors 6th Regional Conference 2018
Abstracts Received

Using mine planning case studies for empirical estimation of the maximum number of criteria and alternatives for multi-criteria decision making
The University of the Witwatersrand, South Africa

Proposed enhanced recycling route for generated waste copper smelter dust at Palabora Copper (Pty) Ltd
Palabora Copper (Pty) Ltd, South Africa

Pestle analysis of Zambia's potential of mining low grade copier ore deposits
The University of Zambia, Zambia

Geological Modelling in the Wits Mine Tunnel
The University of the Witwatersrand, South Africa

Effect of recycled bauxite greg addition on andalusite-containing refractory castables for tundish applications
Scaw Metals Group, University of the Witwatersrand, South Africa

The orebodies at the first kimberlite mines dictated organizational change for improved safety, efficiency and sustainability
University of South Africa, South Africa

Mining and metallurgical wastes: From waste to resources
The University of the Witwatersrand, South Africa

Optimizing the extractive capacity of the mining loading and haulage fleet at Nchanga Open Pit Mine Zambia
University of Zimbabwe, Zimbabwe

Post-mining empowerment: The sustainable development strategy in German hard coal mining
Technische Hochschule Georg Agricola, Germany

Appropriate technologies for titanium extraction and processing for sustainable development of titanium-zirconium placers in red sand floor area of Binh Thuan, Vietnam
University of Mining and Geology, National Institute of Mining-Metallurgy Science and Technology, Vietnam

Inclusion of the laboratories in the mining engineering programmes at the University of South Africa as a teaching tool for distance learning
University of South Africa, South Africa

Comparison of students’ performance in surveying related subjects at two South African Universities: University of Johannesburg and University of South Africa
University of South Africa, South Africa

Attainable region approach to the determination of the run-of-mine size distribution for optimal downstream processing
University of South Africa, South Africa

A critical review of work integrated learning in mining engineering programmes offered at South African Universities
University of South Africa, South Africa

Coal as a strategic resource in South Africa
University of South Africa, South Africa

An evaluation of the economic viability of mining Bench 7B at Grootegeluk Colliery
The University of the Witwatersrand, Exxaro, South Africa

Evaluation index system of green surface mining based on fuzzy evaluation method
China University of Mining and Technology, China

The role of mining heritage in the society engagement
University of Huelva, Spain

Development of wear and corrosion resistant coatings for potential use on sleeves of pumps in a copper mine
The University of the Witwatersrand, African Materials Science and Engineering Network, South Africa

The impact of sand mining on the fluvial environment: Case study of Nzhelele River in Limpopo province, South Africa
The University of the Witwatersrand, University of Venda, South Africa

Geological modelling in massive mining
The University of the Witwatersrand, South Africa

In situ evaluation of mechanical properties of phosphate tailings for exploring re-use potential: case study of a phosphate mine, South Africa
University of Limpopo, The University of the Witwatersrand, South Africa

The effect of chitosan's degree of deacetylation on the performance of chitosan modified composite membranes for acid mine drainage treatment
University of the Witwatersrand, The University of Johannesburg, South Africa

Factors influencing operational effectiveness in the Zambia Copper Mining Industry
The Copperbelt University, Zambia

The assessment of the impacts of behaviour on MOSH Leading Practice Adoption System (Falls of Ground)
University of Johannesburg, South Africa

Growth through public private partnerships in the south african coal mining industry
MRT Mining and Consulting Pty Ltd, South Africa

A net smelter return model for a polymetallic deposit
Namibia University of Science and Technology, South Africa

Mine transportation and the mine of the future
University of Johannesburg, South Africa

The costs of sampling and bias to the mining industry
The University of the Witwatersrand, South Africa

Enhancing the sustainability of minerals engineering programmes through the development of a minerals resource centre
Namibia University of Science and Technology, South Africa

Review of mine design course in the Wits mining programme
University of Witwatersrand, South Africa

Mines safety and accident communication system
University of Zambia, Zambia

Mitigation of dust and noise generated from mineral processing plants by using a natural barrier system
University of Moratuwa, India

Mitigation physical techniques of iron contaminant removal of quartz processing plant in Sri Lanka
Bogala Graphite Lanka PLC, University of Moratuwa, India

Ground vibration mitigation techniques with special reference to open cast mining practices - A review
University of Moratuwa, India

Benefits of ethanol production in the Zambian Copperbelt to minimize mine decontamination bills and negative environmental and social impacts
School of Mines, University of Zambia, Zambia

Overcoming challenges in the mining industry through sustainable mining practices
MineRP, South Africa

Comparison of cut-off grade optimisation models in mine planning
The University of the Witwatersrand, South Africa

Prediction of coal and coal-shale spontaneous combustion liability using statistical analysis, The University of the Witwatersrand, South Africa

Selection of Zambia’s optimal copper mining excess profit tax
University of Zambia, Zambia

*This is a list of all abstracts received. Abstracts will go through a formal review process and final accepted papers will be published in the conference proceedings.