

Detailed Program

08.07.2019 - Main Building (A0)				
9:30-10:30	Registration with coffee – Hall, 1 st floor			
10:30-11:30	Opening Ceremony – Assembly Hall			
11:30-13:00	Plenary Sessions – Assembly Hall Chairman: Prof. Tomasz Lipecki			
11:30-11:45	Jan Golonka, Khuong The Hung, Michał Krobicki, Tadeusz Słomka, Nguyen Van Giang, Aleksandra Gawęda	Origin and closure of the Paleotethys Ocean in Indochina		
11:45-12:00	Nguyen Thi Kim Ngan	Green growth in mining – the trends of southeast Asia and lessons for Vietnam		
12:00-12:15	Tien Dung Le, Xuan Nam Bui	Status and prospects of underground coal mining technology in Vietnam		
12:15-12:30	Nguyen Quoc Long, Bui Xuan Nam, Caq Xuan Cuong, Le Van Canh	Applying Light-weight UAV in mapping quarries		
12:30-12:45	Mai Thanh Tan, Mai Thanh Ha, Phan Thien Huong, Duong Van Hao, Kieu Duy Thong	Improve the effectiveness of seismic research in petroleum exploration in Vietnam		
12:45-13:00	Trung Nguyen Duc, Waldemar Korzeniowski, Krzysztof Skrzypkowski, Nguyen Pham Trung	Study on some solutions for enlarging the application scope of the fully mechanized longwall coal mining technology according to seam dip angle at underground coal mines in Quang Ninh coalfield		
13:00-14:00	Lunch – Hall, 1 st floor			
Conference Sessions				
14:00-15:30	Mining 1 Assembly Hall Chair: Dr. Krzysztof Broda		Geology, Geophysics 1 Room 213 Chair: Prof. Jan Golonka	
14:00-14:15	Van Thinh Nguyen, Cao Khai Nguyen, Xuan Ha Tran, Hong Cuong Nguyen	Determination of methane content at Maokhe coal mine from current mining to 450 level in Vietnam	Tomasz Powolny, Magdalena Dumańska-Słowik, Giang Nguen Khac, Dung Le Tien, Magdalena Sikorska-Jaworowska	Meionitic scapolite from Cho Don gabbro, NE Vietnam - constraints from mineralogical and geochemical data
14:15-14:30	Cao Khai Nguyen, Van Thinh Nguyen, Van Quang Nguyen	Assessing the current status of underground mine ventilation system in Thanh Cong-CaoThang area, Hon Gai coal company, Quang Ninh region, Vietnam	Pham Thi Van Anh, Magdalena Anna Dumańska-Słowik, Le Tien Dung, To Xuan Ban, Nguyen Khac Giang, Nguyen Thi Ly Ly	Metacarbonate formations in Kontum Massif (Vietnam) and their relation to mineral resources
14:30-14:45	Cuong Dinh Van, Thanh Tran Van, Tuan Nguyen Anh	Study on the possibility of using artificial pillar to replace the protection coal pillar of the preparation roadways during the mining process at underground coal mines in Quang Ninh region, Vietnam	Hao Duong Van, Chau Nguyen Dinh, Adam Piestrzyński, Jadwiga Pieczonka, Phon Le Khanh	Mineralogical Characteristics of the IOCG Sin Quyen Deposit, North Vietnam
14:45-15:00	Pham Van Hoa, Bui Xuan Nam, Le Van Quyen, Le Thi Thu Hoa, Pham Van Viet	Estimation of truck-shovel dispatching in Cao Son Open-Pit coal mine and the ability in applying information technology for increasing its efficiency	Hao Duong Van, Chau Nguyen Dinh, Adam Piestrzyński, Paweł Jodłowski, Jadwiga Pieczonka, Phon Le Khanh	Relation between some selected major and trace elements in the IOCG Sin Quyen Deposit, North Vietnam
15:00-15:15	Pham Van Hoa, Xuan Nam Bui, Van Quyen Le, Thi Thu Hoa Le1 And Van Viet Pham	Estimation of truck-shovel dispatching in Cao Son Open-Pit coal mine and the ability in applying	Piotr J. Strzelecki, D. P. Phan, A.K. Tokarski, A. Świerczewska, M. Waliczek, M. Krapięć,	Structural development of the Lao Cai Basin in Vietnam, Red River Fault Zone

		information technology for increasing its efficiency	N.Q.Cuong	
15:15-15:30	Krzysztof Skrzypkowski, Waldemar Korzeniowski	Models of the ore deposit cutting by means of room and pillar system with the use of computer-aided design		
15:30-16:00	Coffee break – Hall, 1 st floor			
16:00-17:00	Conference Sessions			
	Mining 2 Assembly Hall Chair: Prof. Barbara Tora			
16:00-16:15	Bui Xuan Nam, Nguyen Hoang, Tran Quang Hieu, Bui Hoang Bac, Nguyen Dinh An, Nguyen Quoc Long, Le Thi Thu Hoa, Pham Van Viet	A Lasso and Elastic-Net Regularized Generalized Linear Model for Predicting Blast-Induced Air Overpressure in Open-Pit Mine		
16:15-16:30	Phuong Thao Dang, Vu Chi Dang	Study on relationship of duct leakage and parameters of ducts in Quang Ninh		
16:30-16:45	Zuzanna Łacny, Natalia Kowalska, Linh Tran	The possibilities of revitalization of post-mining areas – the Polish and Vietnamese examples		
16:45-17:00	Quan Truong Tien, Rafał Łuczak, Piotr Życzkowski	Climatic hazard assessment in selected underground hard coal mines in Vietnam		
09.07.2019 - Main Building (A0)				
	Conference Sessions			
10:00-11:30	Geodesy and Mining Surveying 1 Assembly Hall Chair: Prof. Jadwiga Jarzyna		Mining 3 Room 213 Chair: Prof. Jacek Jakubowski	
10:00-10:15	Bui Xuan Nam, Changwoo Lee, Nguyen Quoc Long, Nguyen Van Duc, Cao Xuan Cuong, Nguyen Hoang, Do Ngoc Tuoc, Le Qui Thao, Tran Quang Hieu, Nguyen Dinh An, Vu Dinh Hieu	Use of Unmanned Aerial Vehicles for Monitoring the Air Quality of Open-pit Coal Mines	Cao Khai Nguyen, Van Thinh Nguyen, Van Quang Nguyen	Assessing the current status of underground mine ventilation system in Thanh Cong-Cao Thang area, Hon Gai coal company, Quang Ninh region, Vietnam
10:15-10:30	Nguyen Quang Minh, Nguyen Thi Thu Huong, La Phu Hien, Duong Thi Tuyet Nhung, Nguyen Thi Minh Hong, Vu Van Anh	Comparison of the resampling methods for gridded DEM downscaling	Phamvan Hoa, Bui Xuan Nam, LE Van Quyen, Le Thi Thu Hoa, Pham Van Viet	Estimation of truck-shovel dispatching in Cao Son Open-Pit coal mine and the ability in applying information technology for increasing its efficiency
10:30-10:45	Nguyen Hoang, Bui Xuan Nam, Tran Quang Hieu, Nguyen Quoc Long, Vu Dinh Hieu, Pham Van Hoa, Le Qui Thao, Nguyen Phu Vu	Developing an Advanced Soft Computational Model for Estimating Blast-Induced Ground Vibration in Nui Beo Open-pit Coal Mine (Vietnam) Using Artificial Neural Network	Ha Doan Manh, Mijał Waldemar And Polek Daria	Comparison of Vietnam And Poland Industrial Wastewater Regulation: A Study Of Trang Bach Coal Mine Wastewater Treatment
10:45-11:00	Agnieszka Ochałek, Edyta Puniach, Paweł Cwiąkała	Accuracy evaluation of Trimble RTX technology and the integration of GNSS precision positioning in real time with geodetic surveys for archaeological purposes	Mijał Waldemar, Polek Daria, Manh Ha Doan	Comparison of Vietnam And Poland coal resources & coal demand in the past and how it will change in future
11:00-11:15	Nguyen Anh Tuan, Pham Van Hoa, Pham Van Viet, Le Van Quyen, Le Thi Hai	Determining for an output capacity of dimension stone exploitation from the computer simulations to generate the fracture network in 3D: case study in some dimensional stone quarries in Vietnam	Nguyen Anh Tuan, Pham Van Viet, Le Van Quyen, Le Thi Hai	Determining for an output capacity of dimension stone exploitation from the computer simulations to generate the fracture network in 3D: case study in some dimensional stone

				quarries in Vietnam
11:15-11:30	DAO Van Chi, Nguyen Cao Khai, Le Tien Dung, Leilin Zhang	Application of Information Technology to Improve the Management of Mineral Resources in Quang Ninh Province, Vietnam	Hoa Bui, Piotr Życzkowski, Rafał Łuczak	The use of computer programs to solve ventilation issues in Vietnamese coal mines
11:30-11:45			Nguyen Xuan Man, Do Thi Them	A Case Study on the Determination of the Excavated Trench Depth in Unsaturated Soil Constructed by Trench Method Without Supporting Structures
11:30-12:00	Coffee break – Hall, 1 st floor			
12:00-13:00	Poster Session – Hall, 1 st floor/ Assembly Hall			
	Tung Vu, Marek Borowski, Michał Karch			Experimental research of the supply air stream to limited space.
	Hai Duong Duc, Quang Dao Hong, Marian Turek, Aleksandra Koterak			The status and prospect of mining technology in Vietnam underground coal mines
	Krzysztof Skrzypkowski, Waldemar Korzeniowski, Trung Nguyen Duc			Choice of powered roof support FAZOS-15/31-POz for Vang Danh hard coal mine
	Nguyen Hoang Huan, Nguyen Tien Dung, Khuong The Hung			Coal resource/reserve potential in Quang Ninh Basin, Northeastern Vietnam
	Anna Szafarczyk			Identification of areas susceptible to mass movements in the area of the Skawa River dam (Poland)
	Vo Van Thiep, Huynh Ngoc Tam			Estimation of target hazard quotient (THQ) for heavy metals by consumption of fish from Quang Binh, Vietnam
	T.T.L. Bui, H.T.N. Uong, N.C. Pham, D.K. Nguyen, S.N. Nguyen, K.V. Tang			Application of 1-methyl 3-teradecyl imidazolium impregnated solid carriers in sorption of platinum from chloride solution
	Vu Dinh Hieu, Buixuan Nam, Bui Hoang Bac, Ngo Thi Thanh Nga			Pure SiO ₂ extraction through aluminosilicates synthesis from incinerated solid waste
	Tran Le The Dien, Bui Trong Vin, Ta Duc Thinh			The causes of the instability of the Hau riverbank in An Giang province, Vietnam
	Phan Trong Toan			Methods of adjusting geophysical parameters in the calculation of numerical simulation of an oil and gas reservoir to obtain reliable simulation results.
	Nguyen Bach Thao, Tran Vu Long, Duong Thi Thanh Thuy, Dao Duc Bang, Vu Thu Hien, Kieu Thi Van Anh, Hoang Thu Hang			Study on saltwater origin and mechanism in aquifers of Danang area and solution for sustainable groundwater development
	Nguyen Viet Nghia, Vo Chi My			Application of artificial neural networks in flash flood forecasting model in Northwest Vietnam
	Pham Cong Khai, Vo Ngoc Dung, Tran Xuan Thuy			Research on technical solution to develop monitoring system for displacement and deformation of High Rise Building in real time using GNSS / CORS technology
	Luan Pham Van, Phu Nguyen Ngoc, Ha Le Viet			Rational grinding circuit for siliceous apatite ore type III of Lao Cai Vietnam
	Tien Dung Le, Duc Hung Pham, Quang Hung Dang			Geotechnical mechanisms of roof fall ahead of face support in longwall mining
	Kim Dung Nhu Thi1, Chinh Vu Thi			Recovery of clean coal from the contaminated waste of Quang Ninh province - Viet Nam
	Do Nhu Y, Le Xuan Thanh, Ngo Xuan Cuong			Impact asymmetrical phenomena on operation mode of asynchronous three-phase motors
	Do Nhu Y			Power quality analysis of the grid-connected PV systems using microinverter
	Le Xuan Thanh			Impact of Load Capacity on Voltage and Current Waveform Distortion in Mining Power Grid
Do Nhu Y			The impact of the asymmetry to the operating efficiency of 3 phase induction motors	

	Ho Viet Bun, Le Xuan Thanh	Improving the operation of Earth fault relays by auto earthing-connection at earth fault situations in 6kV mining grid of Quang Ninh
	Tien Dung Le, Manh Tung Bui, Duc Hung Pham, Quang Hung Dang	Geotechnical Mechanisms of Roof Fall Ahead of Face Support in Longwall Mining
	Van Thinh Nguyen, Van Quang Nguyen	Solution for Reduce Air Temperature in the 7.3.1. Longwall of Halam Coal Mine, Vietnam
	Van Thinh Nguyen, Vu Chi Dang, Van Quang Nguyen	Forecast of Coal Seam Methane Escape when Exploiting at Khe Cham 1 Coal Mine in Vietnam
	Nhu Thi Kim Dung, Vu Thi Chinh	Recovery of Clean Coal from the Contaminated Waste of Coal Mines in Quang Ninh Province
	Giang Nguen Khac, Wojciech Smoliński, Lucyna Natkaniec-Nowak, Magdalena Dumańska-Słowik, Piotr Gunia, Ban To Xuan, Tu Le Thi Ngoc, Van Anh Pham Thi, Lieu Le Thi Thu, Son La Mai	Comparing composition and bulk-rock characteristics of raw material for decorative stone in Suoi Giang area (Yen Bai) and Sa Nghia area (Kon Tum)
13:00-14:00	Lunch – Hall, 1 st floor	
14:00-16:30	POL-VIET 2019 Industrial Forum – Assembly Hall	
16:30-17:00	Closing Ceremony – Assembly Hall	
19:00-22:00	Gala Dinner – Krakus Restaurant, Reymonta 15, Krakow	
10.07.2019		
7:00-22:00	Field Trip – Mining Museum in Krzemionki Opatowskie, Sandomierz	