Day1 (Nov 24, 2026) & Day2 (Nov 25, 2026) Poster Session (Core time): 17:00–18:00 @ 2F Poster/Exhibition Room				
Day	Session ID	Submission ID	Paper title	Authors
Day1	PO-3	7	Slump testing of Mt Lyell cave fines: quantifying material consistency and flowability for mud rush risk assessment	Clint Mayes, Greg You, Apurv Kumar
Day1	PO-4	12	Mechanisms of toe sliding in footwall slopes using three-dimensional stability analysis	Thirapong Pipatpongsa, Cheowchan Leelasukseree
Day1	PO-6	23	Evaluation of Hydraulic Conductivity of a Filled Single Rock Fracture under Pressure Conditions Using Electrical Resistance	Tae-Hyun Kong, Tae-Min Oh
Day1	PO-7	34	GIS-Based Screening of Lined Rock Cavern Sites for CAES: Integrating Geological Suitability and Power Substation Proximity in Korea	Dong-Woo Ryu, Sung-Wook Kim, Eun-Kyeong Choi
Day1	PO-9	38	Integrated CO_2 Utilization and Wastewater Reuse Using Nanobubble Technology for Low-Carbon Cementitious Materials	Sugeng Wahyudi, Akihiro Hamanaka, Muhammad Akmal Putera, Gde Pandhe Wisnu Suyantara, Tomohiko Abe, Hideki Shimada, Takashi Sasaoka
Day1	PO-10	41	An efficient evaluation framework for regional slope stability integrating GIS and machine learning	An-Jui Li, Jingcai Jiang, Bo-Hao Chang, Yun-Rong Li
Day1	PO-11	55	Application of three-dimensional engineering geological model in tunnel maintenance stage	Chia-Han Lee, Chia-Hong Chiu
Day1	PO-15	76	Exploring the run-out behaviors of wedge slopes and the mechanical responses of rockfall barriers from an energy perspective with coupled numerical modeling	Hsiang-Yu Hsieh, Wen-Chao Huang, Chih-Chun Chien, Chiao-Lin Chang
Day1	PO-17	101	Comparative Analysis of In-situ Stress Measurements using Hydraulic Fracturing and High-Pressure Dilatometer for High-Level Radioactive Waste Disposal Study in Korea	Dae-Sung Cheon, Jai-Yong Park, Chan Park, Byung-Gon Chae, Ki Seog Kim
Day1	PO-18	102	Time-Dependent Behavior and Crack Development in Sandstone : An Experimental and DEM Investigation	Chia-Hao Ku, Hung-Hui Li, Tai-Tien Wang, Chih-Chun Chien, Hsien-Ming Wu, Yu-Xiang Wang, Ko-Feng Lo
Day1	PO-20	104	Effect of the aperture correlation on nonlinear fluid flow through a single rock joint	Seungbeom Choi, Jin-Seop Kim
Day1	PO-21	110	Resistivity distribution by combined analysis of electrical and electromagnetic surveys in a pre-tunnel survey for serpentine area and geological characteristics revealed during tunnel excavation	Kenji Okazaki, Shusaku Yamazaki, Katsuhito Agui
Day1	PO-22	111	Irreversible deformation of anisotropic saturated diatomaceous mudstone during isotropic compression	Ryoma Funayama, Yota Togashi, Ikuri Sato, Ken Hatakeyama, Eri Nakashima
Day1	PO-24	117	Continuum-Discontinuum Analysis for Evaluating the Effect of Tunnel Lining Inner Surface Reinforcement	Tsutomu KITANI, Mitsuo NAKAGAWA, Yujing JIANG
Day1	PO-28	127	Centrifuge model testing on rock anchors installed in fractured rock mass models under dynamic loading	Hiroaki Kobayakawa, Makoto Ishimarua, Kenji Hiraga
Day1	PO-31	140	Micropillar Splitting for Fracture Toughness Determination of Illite and Quartz: Implications for Subsurface Energy Storage	Peng Cheng, Tanmaya Mishra, Johannes M. Miocic
Day1	PO-32	141	Numerical Simulation of Deep Excavation in Gravel	Pei-Yun Shu, Tai-Tien Wang
Day1	PO-33	150	Design and development of an AI agent for geospatial data processing and inference	Sang-ho Lee
Day1	PO-34	151	Studying the behaviour of rock slopes to understand rockfall mechanisms in the Lesser Himalayan terrain.	Aman Sharma, Ashutosh Kumar, Deepanshu Shirole
Day1	PO-35	153	Estimation of mechanical and hydraulic equivalent properties based on a DFN model incorporating size effect and non-linear behavior of fractures	Yong-Ki Lee, Chae-Soon Choi, Dahye Kim, Kyung-Woo Park
Day1	PO-40	192	Numerical and statistical analyses for predicting rockfall risk due to tunnel face unevenness	Yasuyuki Okazaki, Hibiki Fukuma, Hisashi Hayashi, Makoto Ohya
Day1	PO-41	198	Evaluation of dam foundation rock mass using AI-based crack extraction	Rumiko Abe, Osamu Tsujimoto, Koichi Okuzawa, Shogo Kawakita, Kenichi Nakaoka
Day1	PO-42	201	AE measurement of rock fracturing using shear thickening fluid	Taira Kurita, Yusuke Mukuhira, Takaaki Kawahito, Kota Tokutake, Ryu Wada, Noriaki Watanabe, Takatoshi Ito
Day1	PO-44	211	A new method for rock-support analysis of tunnel based on elastoplastic solution of circular hole	Tsuyoshi Nishimura, Kenichi Nakaoka, Daisuke Fujioka, Masanori Kohno
Day1	PO-49	238	Damage-state–dependent stiffness bounds of anisotropic quartz schist constrained by acoustic emission–defined crack initiation and crack damage thresholds	Pham Quoc Tuan, Dang Van Hang, Pham Hoang Giang
Day1	PO-51	243	Study on Macro-Meso Damage Characteristics of Sandstone under Coupled Dynamic Disturbance and Wetting-Drying Cycles	WANG Dong, JIANG Yujing, SHI Mengjia

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Day	Session ID	Submission ID	Paper title	Authors
Day2	PO-80	409	Dilation Behavior of Coal in Plastic Regime Under Triaxial Loading Conditions	Sarbartha Sarkar, Rakesh Kumar
Day1	PO-1	2	The influence of model state in data assimilation on re-analysis of seismic-wave fields	Cheng Jiang, Danhua Zhang, Xiaowen Lan, Jiayong Tian
Day1	PO-19	103	Development of 3D-printed physical models with controlled geometry for GPR- based characterization of rock discontinuities	Philipe Augusto Martins Rodrigues, Jean Carlos Bernardes Dias, Bárbara Emilly Vieira Firmino e Souza, Inácio Diniz Carvalho, Cibele Cláuver
Day1	PO-25	118	Influence of joint aperture and joint persistence on the shear behavior of coplanar non-persistent jointed rock masses	Wang Gang, Liu Tingfang, Jiang Yujing
Day1	PO-29	137	Integrated non-destructive characterization of rock materials: a pilot study combining electrical resistivity and Schmidt hammer rebound	Jean C. B. Dias, Júlia L. Figueiredo, Danúbia G. Damaceno, Bárbara E. V. F. e Souza, Inácio D. Carvalho, Cibele Cláuver
Day1	PO-38	157	Newly insights into the effect of high ground temperature on granite rockburst proneness: experimental study	Houyu Wang, Zaobao Liu, Ming Wu, Qin Yu
Day2	PO-50	241	Influence of Notch Orientation on Fatigue Behaviour of Basalt under Cyclic Loads	Shambhavi Sinha, Dipti Ranjan Sahoo
Day2	PO-52	255	Experimental and numerical investigation of marble under contact explosion: benchmarking ALE modeling and erosion criteria	Cheng-Wei Hung, Chi-Chien Chen, Chung-Chieh Tai
Day2	PO-54	270	Seismic Stability and Reinforcement of a Rock Slope having Daylighted Weak Interlayer: A Distinct Element Modeling Approach	Hare Ram Timalsina, Krishna Kanta Panthi
Day2	PO-55	280	Sustainable soil Stabilisation: systematic review of metakaolin-based alkali- activated binders	Sara Bayandor, Roohollah Kalatehjari, Yousef Adeeb Chamachaei
Day2	PO-58	292	Permeability of porous sandstone kept in carbonated water including powders of calcium-rich material	Yoshitaka Nara, Taiki Kakimoto, Tomono Tamamura, Naoki Hiroyoshi
Day2	PO-59	295	Centrifuge model test and numerical simulation on the seismic stability of rock foundations under critical facilities	Makoto Ishimaru, Tetsuji Okada, Kenji Hiraga, Yasuyuki Maeda
Day2	PO-60	308	Experimental study on the shear creep behavior of Granite joints with buffer material infilling	HyunSik Kim, Hoyoung Jeong
Day2	PO-62	311	3D Printing of Fractured Rock-Like Materials: Advances in Discrete Fracture Network Modelling	Houqiang Wang, Murat Karakus, Giang D. Nguyen, Ha H. Bui
Day2	PO-63	313	Machine Learning-Based Prediction of Rock-Mass Weathering Grades Using Field-Oriented RGB-to-CIE L*a*b* Colorimetry	J.Y. Lee, H.Y. Jeong
Day2	PO-64	314	Field Validation Study of Mine Backfill Materials based on Mineral Carbonation for Geological CO2 Sequestration	Hyeon-woo Lee, Byung-ryeol Kim, Seung-joong Lee, Sung-oong Choi
Day2	PO-66	335	Comparative Study on the Finite Element Strength Reduction Method and the Bishop Method in Slope-Foundation Pit Anti-Sliding Stability Analysis	Jianqiang Deng, Shiming Liu, Tingrui Wei, Qihua Long, Fuwan Wang, Sining Feng, Wei Cui, Yinbang Zhu
Day2	PO-67	336	Comparison of two calculation formulas for evaluating point load strength of irregular rock specimens	Masanori Kohno, Issei Arai, Tsuyoshi Nishimura
Day2	PO-72	353	Evaluation of Buffer–Rock Interactions in Deep Geological Repositories for High-Level Radioactive Waste Disposal	Ji-Won Kim, Jin-Seop Kim, Song-Hun Chong
Day2	PO-73	363	Comparative Stability Analysis of Panel and Reinforced Bolted-Panel (RBP) Walls Systems for Slope Stabilization Using the Strength Reduction Method	Neamatullah Malistani, Ibuki Nishimura, Kenji Wada, Morihito Taba, Takayuki Yagi, Sigeaki Kiyota, Jun Okubo, Toshihiko Kato, Takashi Ito, Hitoshi Matsubara
Day2	PO-76	382	Real-time forecasting ahead of tunnel face based on seismic interferometry	Hideyuki Murayama, Nao Ikeda, Yusuke Nagae, Yasuhito Arai, Norimitsu Yui, Hideo Saito
Day2	PO-78	387	Full-scale loading test of the tunnel lining–invert joint	DAISUKE DEGUCHI, TOSHIRO OTSU, HITOSHI HANATANI
Day2	PO-81	414	Progressively Updated DFN Generation and Wedge Analysis Based on 2D Joint Traces During Tunnel Excavation	Daniel Sim, Kwang Yeom Kim
Day2	PO-82	420	Particle Size Distribution Estimation of Rock Fragment Muckpiles Using 3D PointCloud Instance Segmentation and Volume Correction	Woojin Kim, Chanjae Jeong, Kwangyeom Kim
Day2	PO-84	431	Strain-Rate Effects on Tensile Fracture Mechanisms of Cemented Sandstone: A Microstructural Study	Zaheer Abass, Vivek Padmanabha
Day2	PO-85	446	A case study on the causes and progression of deformation in the Oimasaki-shita stone wall at the Kanazawa Castle ruins damaged by the 2024 Noto Peninsula earthquake	Tomofumi Koyama, Kohei Hara, Minoru Yamanaka, Hiroshi Nakazawa, Ikuno Nishida, Wakio Tomita

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Day2	PO-86	447	Granitoid massifs of Northeastern Transbaikalia and processes that occur there	Olga Barykina, Oleg Zerkal, Irina Gvozdeva
Day2	PO-87	451	Direct shear test on rock joints in connection with quarry sides stability assessment	Julia Frolova, Oleg Zerkal, Ilya Bolshakov
Day2	PO-88	459	Identification of High-Potential Discharge Zones in Heap Leach Pad Operations using an Artificial Neural Network (ANN) Model	A. Paravecino, N. Okada, Y. Ohtomo, Y. Kawamura
Day2	PO-89	462	Seasonal Characteristics of Particulate Matter Transport from the Cerro Quemado Quarry, Galápagos Islands	Ryo Itano, Vanessa Sánchez, Natsuo Okada, Susana Arciniegas, Youhei Kawamura
Day2	PO-91	466	Landform Variation and Landslide Evolution in Watersheds Based on High- Resolution Topographic and Geological Data	Ting-Jui Tseng, Ya-Chu Chiu
Day2	PO-92	470	Long-term monitoring of in-situ rock stress using a conical strain cell	Naoto Kamoshida, Hitoshi Endo, Akihiro Shimohashi, Harumi Kato, Seito Odaira
Day2	PO-93	483	Rapid 3D Limit-Equilibrium Analysis of Earthquake-Induced Rock Slope Failures in Taroko Marble: Probabilistic Sensitivity to Seismic Acceleration	Yeh Chih-Hsiang, Chen Rou-Fei, Merrien-Soukatchoff Véronique, Derron Marc-Henri, Korini Thoma, Chang Chia-Shin, Chi Chien-Yu, Huang Hao-Hsuan
Day2	PO-95	498	Numerical assessment of landslide–railway interactions in the earthquake- induced hazard chains after the 20240403 Hualien earthquake, Taiwan	Yu-Chao Lin, Chin-Ho Kuo, Wen-Feng Chiu, Chun-Hua Chen, Wen-Chueh O, Cheng-Han Lin, Meng-Chiao Weng
Day2	PO-96	514	Thermal infrared remote sensing of coal-fire-induced land surface warming and environmental stress in the Jharia coalfield, India	Rajeev Verma, Nitish Kumar, Dipak Gupta, Vasanta Govind Kumar Villuri, Khushboo Kaushal
Day2	PO-98	521	Experimental Investigation of the Scale Effect of Sandstone at High Temperatures	P.L.P. Wasantha, K. Cranfield-Brooks, T. Xu, R.M.C.D. Jayawickrama, R. Jayasinghe
Day2	PO-99	522	Creep behaviour of weathered rock: a review of experimental evidence and modelling approaches	R.M.C.D. Jayawickrama, P.L.P. Wasantha, R. van Staden, T.L. Pradeep
Day2	PO-100	523	Laboratory Determination of the UCS–BTS Relationship in Weathered Siltstone	R. Jayasinghe, P.L.P. Wasantha, V. Wanga, T.L. Pradeep
Day2	PO-101	509	Experimental investigation of fluid-driven fault slip – preliminary results	Tristan Liardon, Seyyedmaalek Momeni, Brice Lecampion
Day2	PO-53	262	Study on the Macro-Microscopic Morphological Characteristics of Rockburst Fragments in Granite with Various Fissure Angles	Dejian Li, Bo Hu, Tongjie Sun, Yingjun Li, Ruixue Du, Jili Feng
Day2	PO-57	289	Correlation Between Roughness Index (JRC) and Peak Shear Strength of Rock Mass Structural Planes: Evaluation Methods and Research Progress	Un Chol Han, Kisong Yu, Zhonghak Ri, Kwangbo Kim