

LIST OF PAPERS APPROVED

(Listed by title – Press CTRL + F and type in the code, name or title to search)

Código	Nome	Title
10403	ALESSANDRO CIRONE	Creep of rock salt under cyclic loading: an overview
9255	ALEXANDRE DE LIMA OLIVEIRA	A Correction to the Generalized Hoek–Brown Failure Criterion and Corresponding Results
7757	ALISSON CARVALHO SANTOS BRASIL	Integration of Geotechnical Data and Multivariate Methods for Predictive Analysis of Rockfalls in Underground Mines
7758	ALISSON CARVALHO SANTOS BRASIL	Development of a Blast Attenuation Law Based on Handheld Geotechnical Scanning for Underground Mines
10202	ANA CAROLINA DIAS BAËSSO	Evaluation of a constitutive model for representing the stress-strain behavior of a sienogranite
10318	ANDRESSA RIZZI KUZJMAN MOLLETA	APPLICATION OF THE Q-SLOPE METHOD FOR DEFINING THE SLOPE ANGLE OF A RE-GRADING OPERATION IN AN OPEN-PIT MINE
10239	ANTÔNIO MAURÍCIO NABUCO TARTARINI	History matching of subsidence in the Groningen gas field using a finite element simulator
10681	AURELIO FERNANDO PAIVA SILVA	Integrated Geotechnical and Geophysical Characterization for Stress–Strain Numerical Modelling of a Rockfill Embankment on Soft Soil
10518	CAMILA BROETTO MILLI	Aplicação de Discings como indicadores de tensões in situ – Estudo de Caso
8466	CARLOS GONZALEZ OROZCO	Automation of Underground Void and Support Deformation Monitoring – Effective Decision-Making Tools without the Penalty of Time and Effort
8086	CAROLINA CRISSAFE DOS SANTOS LEMOS	Comparison between direct and indirect tensile strength of a syenogranite under different degrees of weathering
7740	CRISTIANE ALVES	Application of Photogrammetry for Enhanced Accuracy in Structural Surveys during the Development of Underground Mines: A Case Study
8174	DANÚBIA GERMANO DAMACENO	Influência da Porosidade na Evolução Não Monotônica de V_p e V_s Durante a Saturação de Rochas
9172	DIOGO FOLADOR ROSSI	Simplified method for probabilistic analysis of fault reactivation inducing seismicity due to fluid injection in a CO ₂ storage project
10879	EMILIO VELLOSO BARROSO	THERMAL FATIGUE AND MODE I FRACTURE TOUGHNESS DEGRADATION
11297	EMILIO VELLOSO BARROSO	HIGH-TEMPERATURE AND COOLING-REGIME EFFECTS ON LEPTINITO GNEISS FROM HISTORICAL STONE MASONRY IN RIO DE JANEIRO



9907	ESTEBAN VINDAS ARCE	Geomechanical Behavior and Support Design for Tunnels in Volcaniclastic Rocks: Combining Empirical, Semi-Empirical, and FEM Approaches
12023	FAUSTO ANDRÉS MOLINA GOMEZ	Experimental Investigation of Fall Pyroclastic Rocks under Isotropic Compression: Sample Handling and Triaxial Testing
10241	FELIPE CAMPOLINA BARBOSA	Economic Assessment of Geotechnical Solutions for Safe Reopening of Open Pit Operations: Sossego Case Study
11203	FELIPE CAMPOLINA BARBOSA	Open Pit Lighthouse: Geotechnical Classification and Monitoring System for Risk Management in Open-Pit Mining
10892	GABRIEL VIANA DA SILVA	Literature review of creep parameters of halite
8973	GUILHERME JOSÉ CUNHA GOMES	Variabilidade espacial de propriedades de resistência em mineração à céu aberto utilizando informações do RQD
11679	GUSTAVO AUGUSTO FROES CARDOSO	Validating the Hybrid Lattice/Discrete Element model applied to Jinping marble
8407	GUSTAVO DE AMORIM NITSCHKE	Operational Deployment of UAV Photogrammetry for Corridor-Scale Rock Slope Inspection
8067	JOSÉ MATHEUS VIEIRA MATOS	Estimativa da compactidade de rochas com base em dados operacionais e modelos de aprendizado de máquina
10787	JUCIMARA CARDOSO DA SILVA	Evaluation of innovative destinations for the Kaolin mining waste
11797	JUCIMARA CARDOSO DA SILVA	Incorporating Blast Performance, In Situ Density Tests, and Structural Adaptation for a TAU Founded on Basaltic Rock
8152	JULIA LOPES FIGUEIREDO	Caracterização Geomecânica Expedita de Rochas Graníticas via Integração de Ensaio de PLT, UPV e Índices Físicos
10649	LARISSA BARBOSA DE LIMA	Armazenamento geológico de CO ₂ em sistemas de recuperação avançada de petróleo (EOR)
10670	LARISSA BARBOSA LIMA	Numerical modeling of a reduced physical model to analyze halite geomechanics and creep behavior in salt caverns for CO ₂ storage
10399	LEANDRO DA SILVA E SILVA	Estudo de Otimização do Concreto Projetado com Fibras da Mina Pilar
8705	LUCAS BELLINI MACHADO	Optimizing Connectivity in Discrete Fracture Network Generation for Tunnel Permeability Analysis
11348	LUCAS RAFAEL NOREMBERG BARBOSA	Geotechnical and Structural Characterization of a Basaltic Rock Mass for Slope Stability Evaluation in Southern Brazil
9137	LUCY BRAVO	Probabilistic Assessment of Fault Reactivation in Deep Underground Mining
10324	LUIS CARLOS DE SOUSA JUNIOR	Unlocking the Energy Potential of Deep Rocks through Hydraulic Stimulation
7933	LUIS MARTIN TEJADA CERVANTES	Risk Management for Critical Mining Assets
9133	LUIZA FAGUNDES LIMA FERNANDES	Achieving Near-Full Saturation in Porous Rocks: Integrated Apparatus, Procedures, and Acceptance Criteria



10552	MARCIO AVELINO DE MEDEIROS	Classificação geomecânica de taludes dos cânios do rio Poty
8537	MARCIO FERNANDES LEÃO	In situ tests for characterizing weathered phyllites
8596	MARCIO FERNANDES LEÃO	The influence of geometry on the geomechanical parameters of phyllite test specimens
7867	MARIA DO CARMO REIS CAVALCANTI	CHALLENGES FOR SAFE UNDERGROUND OCCUPATION
10577	MATHEUS STEPHANNE SOUZA	Estimation of In-Situ Stresses in Rock Masses: A Technical Approach for Brazilian Mining
9660	MAX GABRIEL TIMO BARBOSA	Quality Control and Hydraulic Performance of a Secant Pile Wall in Fractured Rock for Contaminant Containment
11371	MILORAD JOVANOVSKI	Stability Challenges in Rock Slope Engineering for Gypsum Rock Masses in specific environment: Case study from Macedonian road network
9041	MÔNICA ALVAREZ PIRES	Rock mass classification system applicability for ferrous natural caves stability assessment
8287	MURAT OKTAY	Geological-Geotechnical Assessment and Simulation-Based Evaluation of Discontinuity-Controlled Rockfalls for Stabilization Design along the Eruh-Findik Road Cuts
8337	NATÁLIA DE FARIA SILVA	Efeitos do ensaio de durabilidade com uso de sulfato em rocha básica de baixa porosidade
8377	PATRICIA CASAROTTO DE OLIVEIRA	Analysis of the Dependency between Crushing and Shape Index of Basaltic Aggregates
8381	PATRICIA CASAROTTO DE OLIVEIRA	Assessment of electrical conductivity in the CO ₂ storage process in basalts of the Serra Geral Group
10522	RENAN DIAS ALVES	Análise Geotécnica e Simulações de Queda de Blocos para Implantação de Barreiras Dinâmicas em Nova Cascatinha (Petrópolis/RJ)
9084	SARAH MCAULEY	Case Study for Design Review Methodology Applied to Strategic Mine Plans at Bingham Canyon Mine
11604	SELTON DE OLIVEIRA LIMA	Applications of Microseismic QA/QC: Hazard Assessment and System Calibration at the Pilar UG Mine, Ero Brasil
10659	SÉRGIO AUGUSTO B. FONTOURA	A Workflow for Wellbore Closure in Salt Formations Using Chronos: From Laboratory Testing to Numerical Simulation
9323	TALITA CAROLINE MIRANDA *	FMEA Risk analysis applied to underground mining: a case study
9471	THAYNARA CLAUDYANE CASTRO SALES	The influence of geometry on the geomechanical parameters of phyllite test specimens
8969	THIARE PALOMA SALAZAR JERIA	AI-Assisted Geotechnical Characterization of Veins in Diamond Drill Cores
9111	VICTOR MANUEL ARÉSTEGUI MELÉNDEZ	Laboratory Framework for Salt Creep: Design of a Triaxial Rig, Instrumentation, and a Reproducible Test Protocol



9807	VILSON FRANCO DE OLIVEIRA	Simulação do processo de escavação subterrânea de maciços rochosos fraturados com a técnica de fragmentação da malha
8605	VINÍCIUS SILVA FEIJÓ	Armazenamento Subterrâneo de Hidrogênio (ASH): Uma Revisão Sistemática dos Desafios Técnicos e Operacionais
9736	VINICIUS ZAMAI SEVA	Avaliação de Métodos Semi-Empíricos para Estacas Escavadas em Gnaiss Migmatítico com Prova de Carga Dinâmica
11221	VITOR FERREIRA MORALES DE OLIVEIRA	A Photogrammetry-to-Engraving Workflow for Laboratory Replication of Natural Rock Joints
10246	WESLEY DEVISON MELO XAVIER	Análise Numérica de reativação de falhas geológicas induzida por processo de armazenamento geológico de CO ₂
8290	WESLEY SERAFIM MORAIS	Implementation of a Geotechnical Monitoring System in an Underground Gold Mine
10692	WISLAYNE SOUZA ALVES	Sinkholes Above Salt Caverns: Geomechanical Mechanisms, Failure Processes, and Hazard Implications
9012	YALIN UMUR DOGAN	Integration of UAV-Based Photogrammetry and Rockfall Back Analysis for Slope Hazard Assessment in an Open Pit Mine

