



CALL FOR PAPERS

ICRMGE 2022
Jan 11-12, 2022
Singapore, SG

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICRMGE 2022 : International Conference on Rock Mechanics in Geotechnical Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Rock Mechanics in Geotechnical Engineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Rock mechanics

Advanced applications of rock mechanics
Rock mechanics, geomechanics and geotechnical engineering
Innovations in applied and theoretical rock mechanics
Application of geophysics in rock mechanics
Enabled rock mechanics: scope of augmented reality, virtual reality and artificial intelligence
Explosive free rock breakage techniques for rock excavation and drilling
Fracture mechanics and fracture propagation
Fractured rock and rock mass discontinuities
Ground freezing
High temperature geomechanics
In-situ stress measurement

Lab and in-situ rock characterization and modelling
Numerical, analytical, constitutive modelling or rock processes
Prediction and modelling
Remote sensing and seismicity
Reservoir geomechanics
Rock mechanics risk assessment
Rock physics models for enhanced hydrocarbon recovery
Role of uncertainties in rock engineering design
Slope stability and land slides
Stability and excavation support
Subsidence - prediction and mitigation of its impacts
Underground storage of petroleum, gas, CO₂, and nuclear waste disposal