



# CALL FOR PAPERS

**ICGEA 2021**  
**Jan 18-19, 2021**  
**Rome, Italy**

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.

ICGEA 2021 : International Conference on Geomechanical Engineering and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Geomechanical Engineering and Applications. 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:

Geomechanical engineering  
Geomechanics  
Applications of geomechanics  
Geomechanical engineering and current research projects  
Geomechanics, current and common problems  
Advanced geomechanics and geoanalysis  
Geomechanics and modern developments  
Behaviours of soil and rock  
Prediction of important parameters  
Geomechanical evaluation of structures  
Reservoir and petroleum geomechanics  
Numerical methods in geomechanics and geotechnics  
Coupled hybrid models, boundary-element-modelling

Soil-structure-interface and constitutive modelling  
Cyclic system / macro modeling for complex soil-structure-conditions and loads  
Optimizing hydraulic fracturing treatments of shale reservoirs  
Transient thm behaviour and thermal desiccation processes  
Soil mechanics and rock mechanics  
Rock mass characterization and mechanics  
Petroleum industry, possible and current problems  
Tunnel design, rock breakage, and rock drilling  
Seismology, continuum mechanics and discontinuum mechanics  
Transport phenomena and applied geomechanics  
Geotechnical engineering  
Engineering geology  
Geological engineering