



CALL FOR PAPERS

ICACG 2021
May 27-28, 2021
Tokyo, Japan

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.

ICACG 2021 : International Conference on Applications of Computational Geotechnics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applications of Computational Geotechnics. 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:

Computational geotechnics
Computational geotechnics and applications
Recent advancements in computational geotechnics
Computers and geotechnics
Geotechnical modelling for practical applications
Stress and deformation analysis and stability assessment
Computer analyses and geotechnical applications
Field test results, lab test data and geotechnical correlations
Complex geometries and stages of construction
Finite element code for geotechnical engineering
Modelling complex soil conditions
Analysing realistic project
Obtaining basic input data from laboratory and field tests

Interpreting computational results
Information management system
Data standardization
Simulation and visualization
Virtual reality and augmented reality
Artificial intelligence techniques
Novel computational techniques
Data acquisitions and monitoring
Database and data mining
High-performance computing
Geomodeling, geoinformatics, and geoengineering
Integration of geomodel and numerical model
IT applications