



# CALL FOR PAPERS

**ICACGE 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

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.

ICACGE 2020 : International Conference on Advances in Computational Geotechnical Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Computational 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:

Computational geotechnical engineering  
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