



CALL FOR PAPERS

ICRAEGE 2021
Apr 29-30, 2021
Jerusalem, Israel

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.

ICRAEGE 2021 : International Conference on Recent Advances in Earthquake Geotechnical Engineering is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Recent Advances in Earthquake 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:

Earthquake geotechnical engineering
Case studies on ground motion and site effects
Soil investigation with field and laboratory testing
Dynamic characterization and modelling
Performance based design methodologies
Soil-structure interaction
Physical modelling by shaking table and centrifuge tests
Liquefaction
Lateral spreading
Slope stability
Embankments, landfills and dams
Shallow foundations
Pile foundations

Retaining wall
Reinforced earth
Underground structures
Soil mechanics and geotechnical engineering
Soil dynamics
Seismic behavior and design of geotechnical structures
Numerical and analytical methods in geotechnical earthquake engineering
Earthquake and geotechnical engineering
Geophysics and engineering seismology
Earthquake geotechnical and structural engineering
Foundations and slope stability
Soil characterization