



CALL FOR PAPERS

ICGRAMP 2020
Mar 19-20, 2020
Prague, Czechia

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.

ICGRAMP 2020 : International Conference on Ground Response Analysis Methods and Procedures is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Ground Response Analysis Methods and Procedures. 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:

Ground response analysis
Methods of analysis
Nonlinear seismic ground response analysis procedures
Site-specific ground response analysis
One-dimensional ground response analysis
Two-dimensional ground response analysis
Three-dimensional ground response analysis
Propagation of earthquake waves in the ground
Input earthquake motions
Soil mechanics

Soil-structure interaction
Estimation of mechanical soil properties
Modeling of mechanical soil properties
Spatial modeling
Model parameters for ground response analyses
Linear and linear-equivalent models
Non-linear models
Geometric scattering and topographic amplification
Dynamic finite element analysis
Equivalent linear approach