



CALL FOR PAPERS

ICEIGEM 2023
Nov 11-12, 2023
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.

ICEIGEM 2023 : International Conference on Electrical Imaging for Geohazards and Environmental Monitoring is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Electrical Imaging for Geohazards and Environmental Monitoring. 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:

Self-potential tomography
Electrical resistivity tomography
Induced polarization
Time-lapse tomography
Joint inversion of self-potential and resistivity data
Integration and comparison with other in situ, airborne, and satellite EM technologies
Imaging of tectonic and volcanic structures
Mapping and monitoring of fluids in geothermal areas

Electrical methods for the seismic microzonation
Electrical monitoring of landslides
Hydrogeophysics: comparison between electrical methods and simulation codes to vadose zone
Mapping soil and water pollutants: monitoring of waste disposal and industrial sites
Monitoring of coastal environment, pore aquifers, and saltwater intrusion
Electrical methods and petrophysical parameters
Biogeophysics: geophysical signatures of microbial interactions with the subsurface
EM measurements for studying soil-vegetation interactions