



CALL FOR PAPERS

ICTUG 2021
Jan 18-19, 2021
Rome, Italy

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.

ICTUG 2021 : International Conference on Transportation and Urban Geotechnics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Transportation and Urban 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:

Urban geotechnics
Transportation geotechnics
Environmental urban geotechnics
Rock engineering and engineering geology
Site investigation planning and evaluation
2D and 3D finite element analysis of the pile-basement-tunnel interaction
Foundation piles design and excavation support design
Construction supervision and quality control of soil-improvement
Urban geotechnical design
Geosynthetics in urban geotechnics
Geotechnical engineering for urban infrastructure
Geotechnical applications for urban infrastructure
Geotechnics for roads, highways, railways, airfields and waterways

Rational and sustainable design and construction
Geotechnical properties of geomaterials
Geotechnical rail asset management
The impacts of climate on slopes for transportation infrastructure
Resilience of highways
Geotechnics for pavement and railway design
Geotechnics for roadway design
Geotechnical solutions for transportation infrastructure
Innovations in design and construction of granular pavements and railways
Construction of geosynthetic-reinforced soil integral bridges
Modelling geogrid-reinforced railway ballast
Basal reinforced piled embankments
Geosynthetics and lateral drainage capabilities in roadway systems