



CALL FOR PAPERS

ICGEMPA 2021
Mar 29-30, 2021
Singapore, SG

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.

ICGEMPA 2021 : International Conference on Geomatics Engineering Methodology and Practical Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Geomatics Engineering Methodology and Practical Applications. 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:

Geomatics engineering methodology
Adjustment of observations and data analysis
Geomatics engineering methodology and estimation
Accuracy and precision
Errors and their propagation
Classes and combination of mathematical models
Undetermined, uniquely determined and over determined models
Weight matrix
Variance factor
Covariance propagation
Least squares methods

Parametric, condition and combined cases
Problem formulation and solution
Theory of errors and adjustment of observations, problems
Step by step methods
Sequential solution methods
Uni- and multi-variate statistical testing
Data classification, analysis and bias identification
Kalman filtering and real-time data analysis
Signal processing
Time series analysis and fft techniques
Practical applications of data analysis and processing in geomatics engineering