



CALL FOR PAPERS

ICGISSDMR 2021
May 27-28, 2021
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.

ICGISSDMR 2021 : International Conference on Geospatial Information Systems, Spatial Data Modelling and Representation is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Geospatial Information Systems, Spatial Data Modelling and Representation. 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:

Geospatial information systems
Design and implementation of
geospatial information systems
Digital mapping and spatial data
management
Spatial data management systems
Georeferencing
Spatial data modelling
Spatial representation
Geoprocessing and input/output
operations
File storage and database
management systems
Database management systems and
distributed processing
Computer hardware and software for
geospatial information systems
Geospatial information systems data
models and structures
Spatial indexing

Algorithms for data manipulation
and transformation
Spatial analysis and visualization
Data standards and metadata
management
Data fusion and interoperability
Internet-based handling of spatial
data and web-based geo-information
services
Geospatial intelligence systems and
technologies
Geospatial information system
techniques and technology
Spatial analysis with geographical
information system
Topological modeling
Geometric networks
Hydrological modeling
Cartographic modeling
Map overlay