



# 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