



Special Issue on GIS and Geographic Analysis

Call for Papers

GIS is a computer-based system that is used to collect, store, manipulate, analyze, and display data that has a geographic or spatial component. Geographic analysis is the use of GIS to understand and interpret geographic data. This can involve examining patterns and relationships between different geographic features, identifying trends over time, or predicting future scenarios based on different sets of assumptions. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of GIS and Geographic Analysis.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **GIS and Geographic Analysis**. Potential topics include, but are not limited to:

- Spatial data management and analysis
- Spatial analysis: concepts and techniques
- GIS for natural resource management
- GIS for urban planning and management
- GIS for environmental studies
- Spatial modeling and simulation
- Web GIS and online mapping
- Geostatistics and spatial interpolation
- Spatial decision support systems
- GIS for disaster management
- GPS and location-based services
- Geocoding and geocaching
- Spatial uncertainty and error analysis
- Cartography and map design
- GIS data standards and interoperability
- Spatial econometrics and econometric mapping
- Big data analytics and GIS

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - GIS and Geographic Analysis**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	November 21st, 2024
Publication Date	January 2025

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at jgis@scirp.org.