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## Special Issue on Advanced GIS and Geographic Analysis

### Call for Papers

Advanced GIS and Geographic Analysis focuses on the collection, management, analysis, and visualization of spatial data to understand complex geographic phenomena. It integrates Geographic Information Systems (GIS), remote sensing, spatial statistics, geospatial modeling, and big data analytics to examine patterns, relationships, and trends across physical and human landscapes. This theme supports decision-making in areas such as urban planning, environmental management, transportation, disaster risk reduction, and resource allocation. By combining cutting-edge technology with analytical methods, research in this area enhances the accuracy, efficiency, and applicability of geographic analysis for scientific, social, and policy-oriented solutions.

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

- Cartography and map design
- Disaster management and risk assessment
- Environmental and ecological GIS applications
- Geographic Information Systems (GIS) theory and applications
- Geographic visualization and 3D modeling
- Geospatial big data analytics
- Geospatial modeling and simulation
- Land-use and land-cover change analysis
- Location analysis and site selection
- Participatory GIS and community mapping
- Remote sensing and satellite imagery analysis
- Spatial data collection and geodatabases
- Spatial statistics and geostatistics
- Transportation and network analysis
- Urban and regional planning using GIS
- Web GIS and cloud-based GIS services

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](#).



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

Special Issue Timetable:

Submission Deadline	June 12th, 2026
Publication Date	August 2026

**Guest Editor:**

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