



Special Issue on
Geographic Information Systems and Remote Sensing
Call for Papers

Geographic Information Systems (GIS) and Remote Sensing is an interdisciplinary field that focuses on the acquisition, analysis, and application of spatial data to understand and manage the Earth's environment and resources. It combines GIS technologies for mapping, spatial analysis, and data management with remote sensing techniques that capture information from satellite, aerial, or drone-based sensors. By integrating geospatial data, modeling, and visualization, this field supports applications in environmental monitoring, urban planning, natural resource management, disaster assessment, and sustainable development, enabling informed decision-making across multiple scientific and practical domains.

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

- Spatial data acquisition and mapping
- Remote sensing image processing and analysis
- GIS modeling and simulation
- Geospatial data integration and management
- Land use and land cover analysis
- Environmental monitoring and assessment
- Urban and regional planning applications
- Disaster management and risk assessment
- Hydrological and watershed modeling
- Agricultural and forestry applications
- Geospatial big data analytics
- Cartography and geovisualization
- Satellite and aerial imagery interpretation
- Geospatial information systems for climate studies
- Geographic information system software development
- Spatial decision support systems

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 - Geographic Information Systems and Remote Sensing**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	May 15th, 2026
Publication Date	July 2026

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