

Special Issue on
**Sensor Technologies and Methods for Geoinformatics
and Remote Sensing**

CALL FOR PAPERS

The design, performance, and application of sensors for geoinformatics and remote sensing have become more essential to understanding the physical, ecological, hydrological, and environmental characteristics of Earth surfaces. Original research articles and literature review papers addressing the state-of-the-art sensor technologies and methods in applying geospatial technologies, which include geospatial information sciences (GIS), remote sensing (RS), photogrammetry, and global positioning system (GPS), are welcome. The objective of this special issue is to create a multidisciplinary forum of discussion on recent advances in sensor technologies and methods for geoinformatics and remote sensing as well as new applications to biology, ecology, hydrology, engineering, and so on.

Potential topics include but are not limited to the following:

- ▶ Novel sensor design and platforms development
- ▶ Multisensor system design and onboard processing
- ▶ Advances in sensors for remote sensing
- ▶ Multisensor integration
- ▶ Multiplatform remote sensing
- ▶ Geospatial data models with sensors
- ▶ Spatial big data analysis in sensors
- ▶ Position and localization systems, algorithm, and techniques
- ▶ Application and innovative use of geoinformation sensor techniques
- ▶ Real-time emergency spatial decision support sensor systems
- ▶ Sensor technique in UAV(unmanned aerial vehicles) applications
- ▶ Hyperspectral sensors
- ▶ Laser scanning sensors
- ▶ Image processing algorithm and systems
- ▶ Geoinformation extraction and data mining
- ▶ Spatiotemporal analysis

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/js/stmgrs/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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