

## Special Issue

# Big Data Analytics in Geospatial Artificial Intelligence

### Message from the Guest Editors

This Special Issue aims to present fundamental research studies combining innovative ideas in spatio-temporal data management, data mining, machine learning, and high-performance computing to analyze big geospatial data. Research studies which will be considered for this Special Issues may be related to the following three scopes of remote sensing: geometric reconstruction, change detection, and data fusion and data assimilation. Suggested topics for research include the following:

- Topic exploration and event detection from geospatial data.
- Big trajectory data management and analytics.
- Parallel computing framework and algorithms for fundamental operations regarding geospatial data.
- Location-aware prediction (e.g., POI recommendations, next-location predictions).
- Effective indexing structures for geospatial data.
- Route planning and recommendations on the basis of geospatial data.
- Spatio-temporal query processing and optimizations.
- Other innovative techniques related to GeoAI.

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### Guest Editors

Dr. Lisi Chen

Dr. Kaiqi Zhao

Dr. Xin Cao

Dr. Peng Han

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### Deadline for manuscript submissions

closed (15 September 2023)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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