

## Special Issue

# Problem-Driven Geospatial Data Acquisition, Tools and Applications in Earth Observation

### Message from the Guest Editors

This Special Issue invites submissions focusing on inventive methodologies and novel scientific contributions concerning concepts, technologies, methodologies, and tools utilized in acquiring and processing geospatial data for diverse Earth observation applications. Topics of interest may include but not limited to the following:

- Remote sensing platforms and various sensors such as unmanned aerial vehicles (UAVs), LiDAR, hyperspectral and multispectral imaging alongside traditional surveying methods.
- New geospatial software and tools emerging for data processing and analysis.
- Contributions of artificial intelligence and machine learning in geospatial analysis as well as cloud computing and big data analytics for Earth observation.
- Integration of multisource data for environmental monitoring and assessment efforts.
- Innovative applications in fields such as agriculture, forestry, urban planning, disaster management, climate change, and environmental monitoring.

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### Guest Editors

Dr. Artan Hysa

Dr. Pai-Hui Hsu

Dr. Yongze Song

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### Deadline for manuscript submissions

15 October 2025



## Remote Sensing

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CiteScore 8.6



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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

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