

## Special Issue

# Remote Sensing for 2D/3D Mapping

### Message from the Guest Editors

This Special Issue welcomes contributions centered on data acquisition, processing, analysis, and interpretation within the domain of 2D/3D mapping via remote sensing. We invite both original research articles and comprehensive reviews, covering areas such as, but not limited to:

- Advances in mapping methodologies and algorithmic techniques, like LiDAR scanning, photogrammetry reconstruction, point cloud processing, and Neural Radiance Field;
- Examination of remote sensing data sourced from different sensors, such as satellite and airborne imagery, as well as LiDAR and Radar point clouds;
- Exploration of emerging mapping platforms, like UAVs and mobile mapping systems;
- Incorporation of machine learning and deep learning methodologies into remote sensing mapping;
- Application of remote sensing-driven mapping in applications such as digital twins, transportation planning, environmental modeling, precision farming, etc.;
- Application of night-time lights for mapping urban structure and dynamics.

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### Guest Editors

Dr. Fangning He

Dr. Hongzhou Yang

Dr. Shengjun Tang

Dr. Ding Ma

Prof. Dr. Ayman F. Habib

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### Deadline for manuscript submissions

closed (31 March 2026)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### Message from the Editorial Board

*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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### Editors-in-Chief

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