

Special Issue

Integrating Remote Sensing Data for Transportation Asset Management

Message from the Guest Editors

Remote sensing is an innovative science and technology that is aiding in numerous modes of transportation. Integrate the multi-sourced and heterogeneous remote sensing data and extract useful information from them for specific tasks, such as transportation asset management and traffic flow prediction will make the lives of people much easier and convenient. This Special Issue aims at studies covering the use of remote sensing data for transportation asset management. Topics may cover anything from the aspect of spatial temporal mining, remote sensing data integration and transportation asset planning and management. Articles may address, but are not limited, to the following topics:

- Terrain analysis
- Traffic flow estimation and prediction
- Traffic data integration
- Transportation anomaly detection
- Trafficability analysis
- Transportation asset planning and management
- Traffic accident detection
- Traffic congestion relief
- Transportation infrastructure
- Rural road discovery and management
- Availability of parking lots estimation
- Transportation network update
- Travel time estimation

Guest Editors

Prof. Dr. Senzhang Wang

Prof. Dr. Zhenwei Shi

Dr. Yisheng Lv

Dr. Renhe Jiang

Deadline for manuscript submissions

closed (15 January 2023)



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/104603

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

[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)





Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



[mdpi.com/journal/
remotesensing](https://mdpi.com/journal/remotesensing)



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.

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)