

Special Issue

Remote Sensing and GIS for Monitoring Urbanization and Urban Health (Second Edition)

Message from the Guest Editors

Urbanization is one of the leading global trends of the 21st century and has a significant impact on health. The aim of this Special Issue is to present—to readers globally—the latest research findings and ideas with respect to the application of remote sensing and GIS in monitoring urbanization and urban health. The inclusion of these research studies on this specific theme in our journal will provide valuable information for urbanization and urban health based on the application of remote sensing and GIS. Case studies, innovative methods, system reviews, and perspectives are all welcomed.

- urbanization and health both regionally and globally
- urban landscape, urban ecological system, and health
- territorial spatial planning and health city
- urbanization speed and acceleration, spatial-temporal analysis of urbanization
- green space/blue space/gray space remote sensing monitoring
- map of urban development and evolution
- urban environment changes and health effects
- remote sensing GIS big data and urban health
- remote sensing and GIS monitoring, simulating, and predicting of infectious diseases, such as COVID-19

Guest Editors

Prof. Dr. Xinhua Li

Prof. Dr. Shihong Du

Prof. Dr. Peng Jia

Prof. Dr. Franz W. Gatzweiler

Dr. Jinchao Song

Deadline for manuscript submissions

30 June 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/218074

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 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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)