



an Open Access Journal by MDPI

Earth Observation and Citizen Contributed Data for Urban Sustainability

Guest Editors:

Prof. Dr. Maria Antonia Brovelli

Department of Civil and Environmental Engineering, Politecnico di Milano, P.zza Leonardo da Vinci, 32, Building 3, 20133 Milano, Italy

Dr. Qi Zhou

School of Geography and Information Engineering, China University of Geosciences, Wuhan 430074, China

Dr. Andong Ma

Department of Geography, University of Colorado Boulder, Boulder, CO 80309, USA

Deadline for manuscript submissions:

closed (31 May 2025)

Message from the Guest Editors

Dear Colleagues,

This Special Issue invites manuscripts that present new developments and methodologies, practices, and applications related to urban sustainability issues with remote sensing (e.g., high-resolution, multi-spectral, hyperspectral, LiDAR, thermal) and citizen-contributed data (e.g., OSM, social media, file sharing, Internet of Things). Recent advancements in multi-source data integration, multi-scale approaches, big data analysis, data mining, machine learning or studies focused on urban sustainability are welcome. Original research articles, reviews, letters, technical notes, and highlight articles may address, but are not limited to, the following topics:

- Remote sensing image processing;
- Citizen contributed data analysis;
- Multi-source data integration;
- Multi-scale approaches;
- Big data analysis and data mining;
- Machine learning and Earth Observation (citizen contributed data included);
- Internet of Things in an urban context;
- Digital twin cities;
- Geospatial science and techniques for urban sustainability.

We look forward to receiving your contributions.



mdpi.com/si/131837

Special Issue



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)