Special Issue

Innovative Geospatial Information and Earth Observation (GEO) Techniques for Sustainable Development

Message from the Guest Editors

With the rapid progression of urbanization and heightened public attention to urban issues, observations from space, air, and land provide extensive technical methods for understanding urban environments and advancing urban sustainability. We are expecting innovative Geospatial Information and Earth Observation (GEO) techniques can offer timely, comprehensive, and diverse earth observation data for urban sustainable development on aspects such as urban environment, infrastructure, and habitability. Moreover, we are concerned about how to capture and evaluate citizens' perceptions, awareness, and assessments regarding their living space, encompassing experiences related to urban design, the natural and social environment, public services, and life quality. This Special Issue aims to demonstrate the innovative geospatial information and earth observation technologies in the field of urban sustainable development. **Suggested Themes:**

- Urban Environmental Intelligent Perception Technology;
- Urban Environment and Resident Adaptability;
- Urban Mobility and Sustainable Transportation;
- Sustainable National Spatial Planning;
- Urban Resilience and Social Resilience.

Guest Editors

Dr. Chao Yang

Prof. Dr. Jie Chen

Prof. Dr. Chaogui Kang

Prof. Dr. Liang Hong

Prof. Dr. Phaedon C. Kyriakidis

Deadline for manuscript submissions

closed (28 April 2026)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 9.4

mdpi.com/si/203515

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 9.4

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)