remote sensing

IMPACT FACTOR 4.1

CITESCORE 8.6

an Open Access Journal by MDPI

Understanding Urban Expansion and Weather Extremes through Remote Sensing, Spatial Analysis and Numeric Simulations

Guest Editors:

Dr. Hao Zhang
Laboratory for Applied Earth Observation and Spatial Analysis (LAEOSA), Department of Environmental Science and Engineering, Fudan University, Shanghai, China

Dr. Ashraf Dewan
School of Earth and Planetary Sciences, Spatial Sciences Discipline, Curtin University, Perth, Australia

Deadline for manuscript submissions:
closed (31 March 2025)

Message from the Guest Editors

This Special Issue aims to provide an opportunity to exchange ideas among scholars, planners, and decision makers who are engaged in climate change, urban resilience, land development, disaster reduction and prevention, natural resource management, ecosystem restoration, and related domains. Thus, in the sense of a transdisciplinary approach, innovative manuscripts that apply state-of-the-art theories and methods using remote sensing, spatial analysis, process-based modeling, and quantitative statistics to address the topic of this Special Issue are expected.

Original articles and review papers including, but not limited to, the following themes are welcome:

- Weather extremes;
- Urban resilience;
- Climate change, mitigation, and adaptation;
- Multi-source remote sensing data;
- Land development pattern;
- Artificial modification of climate;
- Urban heat island effect;
- Urban geological risk;
- Urban waterlogging;
- Flood management.

remote sensing

IMPACT FACTOR 4.1

CITESCORE 8.6

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