



Remote Sensing in Urban Socio-Ecological Systems Monitoring and Assessment

Guest Editors:

Prof. Dr. Tao Lin

Prof. Dr. Junxiang Li

Prof. Dr. Conghe Song

Dr. Hong Ye

Dr. Guoqin Zhang

Deadline for manuscript
submissions:
closed (15 January 2024)

Message from the Guest Editors

Urbanization is one of the most powerful anthropogenic forces, causing dramatic environmental changes and jeopardizing sustainable development in the world. Urbanization has profoundly shaped urban socio-ecological systems. The social and ecological impacts of urban expansion reach far beyond the administrative boundaries of the cities. Advances in remote sensing have facilitated the monitoring of urban morphological evolutions both at the landscape scale. These are the spatial scales that the changes of urban forms and their interactions with social-ecological systems happen. Remote sensing is indispensable in evaluating urban morphological evolution. Urban morphology dictates the paths through flow. How to monitor urban form consequences with the aid of remote sensing is of great importance in providing insights for sustainable development of urban socio-ecological systems.

This open access Special Issue aims to collect high-quality papers on using remote sensing to evaluate the evolution of urban morphology, the subsequent changes in urban ecosystem functions, and its impacts on the dynamics of the urban social-ecological systems.





an Open Access Journal by MDPI

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

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.

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, St. Alban-Anlage 66
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)