



Remote Sensing Application in Sustainable Urban Planning and Environmental Services in the Big Data Era

Guest Editor:

Prof. Dr. Danlin Yu

Department of Earth and
Environmental Studies, Montclair
State University, Montclair, NJ
07043, USA

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

During the past decades, multiple remote sensing data sources have provided fresh opportunities to examine the dynamics of urban landscapes. In the meantime, the rapid development of telecommunications and mobile technology and the emergence of online search engines and social media platforms has changed human activities and the urban landscape. The combination of these two types of data sources results in explosive and mind-blowing discoveries in contemporary urban studies. This SI attempts to assemble a cohort of studies that examine how to incorporate remote sensing data sources and geotagged social media/search engine data to support sustainable urban planning and development. The topics include but are not limited to:

Urban simulations supported by remote sensing and big data

Mechanisms of urban landscape change

Spatiotemporal examination of urban landscape

Noval analytical approaches utilizing remote sensing and big data in urban studies

Studies of urban vibrancy with remote sensing and big data analytical approaches

Integrating RS and big data to investigate healthy and sustainable urban development

Investigating urban environmental services via urban remote sensing and big data





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