



## A Pluralistic Approach to Defining and Measuring Urban Sprawl and Its Impacts on Human Well-Being

Guest Editor:

**Prof. Dr. Pedro Cabral**

School of Remote Sensing and  
Geomatics Engineering, Nanjing  
University of Information Science  
and Technology (NUIST), Nanjing  
210044, China

Deadline for manuscript  
submissions:

**closed (20 May 2022)**

### Message from the Guest Editor

Dear Colleagues,

Urban sprawl plays an important role in sustainable urban development. The impacts of urban sprawl on ecosystem services have been the subject of numerous Remote Sensing (RS) studies. Newly available image classification methods and satellite data call for the need of revisiting this topic regularly to produce up-to-date research and information that will help environmental managers performing their job more efficiently. This Special Issue aims to disseminate and share findings on the impacts of urban sprawl on human well-being using RS data. Original research papers or review manuscripts are invited in the following areas:

- Detection and quantification of urban sprawl from RS;
- Quantification of impacts of urban sprawl on human well-being based on RS;
- Application of new RS image classification methods to the study of urban sprawl;
- Monitoring of urban ecosystem services using RS methods.





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](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)