

## Special Issue

# Remote Sensing of Urban Ecology and Sustainability

### Message from the Guest Editors

Remote Sensing offers an efficient method with which to monitor and observe the urban ecosystem and sustainable environment in a real-time and high-spatial-resolution manner. After more than 50 years of development, various remote sensing techniques (optical, thermal infrared, microwave (SAR/INSAR), light detection and ranging (LIDAR), and night lights) have been widely applied to understand the urban environment. We are requesting papers for a Special Issue of Remote Sensing on the remote sensing of urban ecology and sustainability. Specific topics include, but are not limited to

- The use of remote sensing to understand the ecological consequences of urbanization, such as biological invasion, habitat fragmentation, etc.
- The use of remote sensing to develop urban green infrastructure
- The exploration of urban heat island effects and ecosystem services using remote sensing
- Novel remote sensing application (new sensors, new methodology, etc.) in urban ecology and sustainability

We especially encourage submission with a combination of different methodologies (remote sensing, spatial analysis, urban climatology, etc.) to understand the overarching topic.

---

### Guest Editors

Prof. Dr. Elizabeth Wentz

School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, AZ 85281, USA

Dr. Qunshan Zhao

Urban Big Data Centre, School of Social and Political Sciences, University of Glasgow, Glasgow, UK

---

### Deadline for manuscript submissions

closed (31 October 2019)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/15838](https://mdpi.com/si/15838)

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

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/journal/  
remotesensing](https://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)