## Special Issue

# Remote Sensing of Urban Impervious Surfaces: Mapping, Monitoring, and Modeling the Dynamics of Urban Impervious Surfaces with Multisource Remote Sensing Data

### Message from the Guest Editors

Impervious surfaces, a major component of urbanized areas, have concurrently increased with rapid urbanization. Urban impervious surfaces have been widely considered as an important index for analyzing urban growth patterns and quantifying the development of urban and suburban areas. Meanwhile, urban impervious surface has been widely applied in the corresponding physical and socio-economic fields, such as urban hydrology study, urban heat island effect, population estimation, population distribution pattern analysis, and its impact on housing prices. Considering the important role that urban impervious surfaces play, the accurate estimation and dynamic monitoring of impervious surfaces have become essential. This Special Issue focuses on new techniques for mapping, monitoring, and modeling urban impervious surfaces. Moreover, we are also interested in studies investigating the impact of urban impervious surfaces on the urban environment. Please find the main topics on the website.

### Guest Editors

Dr. Wenliang Li
Department of Geography, Environment, and Sustainability, The University of North Carolina at Greensboro, Greensboro, NC 27412, USA

Prof. Dr. Changshan Wu
Department of Geography, University of Wisconsin-Milwaukee, Milwaukee, WI 53201, USA

### Deadline for manuscript submissions

closed (20 May 2022)

**Remote Sensing**

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/70037

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

mdpi.com/journal/remotesensing

# Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

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)

MDPI