

## Special Issue

# Remote Sensing of the Urban Climate

### Message from the Guest Editor

In the last three decades, urbanization has increased throughout the globe, enhancing the demand for vehicles, energy, industry, etc. The population explosion has impacted land use and land cover affecting natural resources, hydrological cycle, environment, atmospheric pollution, air quality, etc. The land cover, forests, ponds, grasslands, agricultural lands have been replaced by buildings, roads, gardens, parks, sport fields, etc. Such changes affected the recharge of ground water and enhanced the frequency of flash floods that severely affected the ecological conditions. Urbanization is the real cause of poor air quality, which has adversely affected human health and visibility and also enhanced urban heat islands. Such changes have played an important role in climate change at the local, regional and global scale. This Special Issue invites papers dealing with satellite observations, data analysis and modelling associated with urban pollution, environment, ecology, dynamics of pollutants, hydrological cycle, extreme events on the changing urban climate. We will also consider papers related to human health and mortality associated with the urban climate and pollution.

### Guest Editor

Prof. Dr. Ramesh P. Singh

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### Deadline for manuscript submissions

closed (30 June 2021)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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### 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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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