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# Remote Sensing of the Urban Climate

Guest Editor:

**Prof. Dr. Ramesh P. Singh**
School of Life and Environmental Sciences, Schmid College of Science and Technology, Chapman University, One University Drive, Orange, CA 92866, USA

Deadline for manuscript submissions:
**closed (30 June 2021)**

## 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 The land cover, forests, ponds, grasslands, agricultural lands have been replaced by buildings, roads, gardens, parks, sport fields, etc.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.

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## 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

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*Remote Sensing* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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remotesensing@mdpi.com
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