

## Special Issue

# Remote Sensing in Urban Surveying and Mapping

### Message from the Guest Editors

As is well known today, the problem of strong urban growth is having many negative effects on the ecosystem and is one of the possible causes of the climate change. It is important to monitor urban temperature changes over time and to define urban heat islands by investigating the correlations between them and the growth of human activities in their surroundings. This Special Issue aims to convene all researchers working in this field and to share the latest updates and developments in the field of urban mapping through satellite images (multispectral or hyperspectral) or Lidar data. We invite researchers to share their results in this Special Issue. Possible topics include but are not limited to:

- optical and thermal remote sensing data
- GIS
- urban mapping
- land surface temperature (LST)
- change detection
- urban heat island
- hyperspectral data
- LiDAR
- deep learning
- climate change

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### Guest Editors

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### Deadline for manuscript submissions

10 February 2026



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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