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Advances in Remote Sensing in Urban Climatology

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Deadline for manuscript submissions:
30 January 2025

Message from the Guest Editors

The topics may cover anything from the classical estimation of climate variables at the local, regional, and global levels to more complex aims and scales. Hence, multisource data integration (e.g., multispectral, hyperspectral, and thermal), multiscale approaches, or studies focused on urban atmosphere monitoring, among other issues, are welcome.

The articles may address but are not limited to the following topics:

- Urbanization and climate warming;
- Multisensor remote sensing monitoring of urban air pollution;
- Aerosol climatology from multi-platform remote sensing;
- Urban climate monitoring at the micro- and macroscale and modelling;
- Urban thermal environments;
- Urban heat islands and heat waves;
- Urban green and blue spaces and their impact on the climate;
- Mapping of urban land cover changes;
- Urban climate's impact on health;
- Satellite observations of urban biophysical parameters;
- Urban climate hazards;
- Urban climatology and land-use planning;
- Urban climate sustainability;
- Socioeconomic aspects of urban climate change.

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Special Issue

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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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