



## Application of Remote Sensing in Urban Climatology

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Deadline for manuscript  
submissions:

**closed (15 March 2021)**

### Message from the Guest Editors

This Special Issue invites authors to submit their work on innovative methods and applications that use remote sensing data to study the urban climate and inform better spatial planning and public health actions for mitigating UHI and heatwave effects. Potential topics include, but are not limited to:

- The study of SUHIs using dense land surface temperature (LST) time series;
- The relationship between surface and atmospheric UHI;
- The generation of LST datasets that combine high spatial and temporal resolution;
- Classifying cities into local climate zones (LCZ);
- Understanding SUHIs in different LCZ and climates;
- Monitoring urban energy exchanges from space;
- Identification and extraction of SUHI hotspots and coldspots;
- Evaluation of SUHI drivers, e.g., albedo, vegetation abundance, and sky-view factor;
- Spatial and energy planning or public health actions that use remote sensing data for mitigating UHI and heatwave effects.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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