



Urban Microclimate Monitoring, Mitigation and Adaptation

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Message from the Guest Editors

The scope of this Special Issue is to present, through the published articles, new datasets and assessments from cities with different spatial/population scales and that are located in different climates, show new methods and techniques of microclimate monitoring, see how microclimate monitoring can be integrated in the public early warning systems of cities, how microclimate datasets contribute to mitigation and adaptation actions (strategies, action plans, etc.), or how useful are microclimate datasets as an input for climate modelling (e.g., WRF, MUCLIMO, PALM-4U).

Therefore, the topics of interest include, but are not limited to:

- Microclimate assessments based on in situ or mobile measurements;
- New methods and techniques of microclimate monitoring;
- Development of sensors/networks, IoT sensing;
- Application to citizen sciences and early warning systems;
- Microclimate datasets contribution to urbanization, public health, traffic, etc.;
- Application in climate modelling.





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Message from the Editor-in-Chief

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