

Special Issue

Urban Heat Island and Mitigation Technologies—Impact and Mitigation

Message from the Guest Editors

The aim of this Special Issue is to collect and publish the results of recent advanced scientific research and a systematic literature review in the following, but not exhaustive, list of areas:

- Studies on the characteristics and the magnitude of UHI (Urban Heat Island);
- Microclimate characteristics at the urban scale due to the urban heat island and urban overheating;
- Mitigation technologies and applications studies;
- Impact of UHI on energy, comfort, health, environment, and economy;
- Performance evaluation demonstrations and active intervention at the urban level;
- Big data solutions for remote monitoring, data analyses, and control/optimization for urban heat island study;
- Case studies in cities and best practices on mitigation solutions;
- Remote sensing studies

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http://www.mdpi.com/journal/urbansci/special_issues/urban_heat

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Deadline for manuscript submissions

closed (31 May 2018)



Urban Science

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Impact Factor 2.9
CiteScore 3.7



mdpi.com/si/8632

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About the Journal

Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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