

Special Issue

Data Analysis and Data Communication for Combating the Effects of Climate Change in Cities

Message from the Guest Editors

While urban areas around the world differ in terms of size, built-up area, population density, urban morphology, and growth intensity, the global character of their exposure to extreme weather events attributed to climate change is evident. This calls for the development of concerted and systematic approaches to climate-resilient urban management and growth that could globally benefit urban areas. Cities today are therefore in need of new technologies, applications, and planning methods that can exploit the full potential data to interpret complex spatiotemporal climatic phenomena and support more informed decision making.

- Development of methodologies and tools to detect, predict, and mitigate urban-level challenges;
- Evidence-based methodologies integrated into urban planning processes;
- Interactive climate data mining;
- Exemplary cases of demonstration projects and response strategies to ameliorate urban-level challenges;

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2023)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/105213

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Editor-in-Chief

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