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### DESCRIPTION

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*Urban Climate* serves the scientific and decision making communities with the publication of research on theory, science and applications relevant to understanding **urban climatic conditions** and change in relation to their **geography** and to **demographic, socioeconomic, institutional, technological** and **environmental dynamics** and **global change**. Targeted towards both disciplinary and interdisciplinary audiences, this journal publishes original research papers, comprehensive review articles, book reviews, and short communications on topics including, but not limited to, the following:

**Urban meteorology and climate:** • Urban canopy and boundary layer • Urban heat island effects • Coastal flooding • Urban energy budget • Impact of urban meteorology, materials, and form on urban energy use • Urban hydrologic cycle • Urban-coastal interactions • Feedbacks between air quality, local climate and global climate change • Urban impact on precipitation • Urban microclimate and weather events

**Urban environmental pollution:** • Emissions and chemistry • Urban air quality • Aerosol formation and dynamics • Large-scale pollution from urban agglomerations • Emergency preparedness • Indoor and outdoor environment • Population exposure and health impacts • Urban vegetation impacts and green cities

**Adaptation to global change:** • Urban drivers of climate change • Urban vulnerability to climate hazards and climate change • Urban infrastructure systems • Flood control • Energy supply • Urban ecosystems • Urban water

**Urban economic and social issues:** • Urban climate impacts and environmental justice • Urban climate and public health • Urban transportation systems • Urban materials, energy consumption, and health • Poverty, gender and vulnerability in urban areas • Urban migration and demographic change • Urban housing and land markets • Urban policy, planning and design • Urban land use and land cover • Urban governance, institutions and innovation • Relationships between urban and non-urban areas • Cities in the global context • Neighborhoods and urban spaces

Research Approaches: • Theory • Modeling and decision support tools • Monitoring and analysis

### ABSTRACTING AND INDEXING

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## GUIDE FOR AUTHORS

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### INTRODUCTION

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- Cities in the global context
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Research Approaches

- Theory
- Modeling and decision support tools
- Monitoring and analysis

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Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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### *Theory/calculation*

A Theory section should extend, not repeat, the background to the article already dealt with in the Introduction and lay the foundation for further work. In contrast, a Calculation section represents a practical development from a theoretical basis.

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[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

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