

Special Issue

Urban Climate Change Management and Society

Message from the Guest Editors

Urban climate change and the management of air quality are subjects of major concern as they have a great impact on Earth's radiation budget, human health, environmental degradation, as well as regional/global climate change. Rapid development and urbanization in recent decades, as well as greatly increased energy demand/consumption have brought a variety of urban air pollution problems. In general, the urban environment produces ~70% of carbon emissions and airborne pollutants that have adversely affected human health and urban climate change. Therefore, it is of the utmost importance to develop accurate air quality modeling systems on the urban scale with high horizontal and vertical resolution, and to identify the most important emission sources which significantly contribute to very high pollution concentrations. The role of meteorology in air quality is also an important issue in urban environmental management.

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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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