



Urban Climate Change Management and Society

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Message from the Guest Editors

Dear Colleagues,

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.

Guest Editors





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Message from the Editor-in-Chief

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