

Special Issue

Advanced Monitoring, Modelling, and Intelligent Systems for Urban Air Pollution and Environmental Management

Message from the Guest Editors

Urban air pollution is a highly active and important area of research the significance of which stems from the wide-ranging adverse effects it causes—from health impacts on vulnerable and general populations to environmental effects, such as reduced visibility, climate changes, and damage to urban surfaces, to name but a few. Interdisciplinary approaches are often essential to tackling its complex and multifaceted nature and in order to arrive at effective solutions, a complexity that is often reflected by the diverse set of research topics explored by the scientific community. This Special Issue will focus on advances and applications in three closely intertwined areas: urban air pollution monitoring, modelling, and environmental management.

By enhancing the temporal, spatial, and qualitative resolution of urban air monitoring and by using a comprehensive set of metrics, better understanding of air pollution can be achieved, along with the overarching goal of improved urban air quality and wellbeing for all.

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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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