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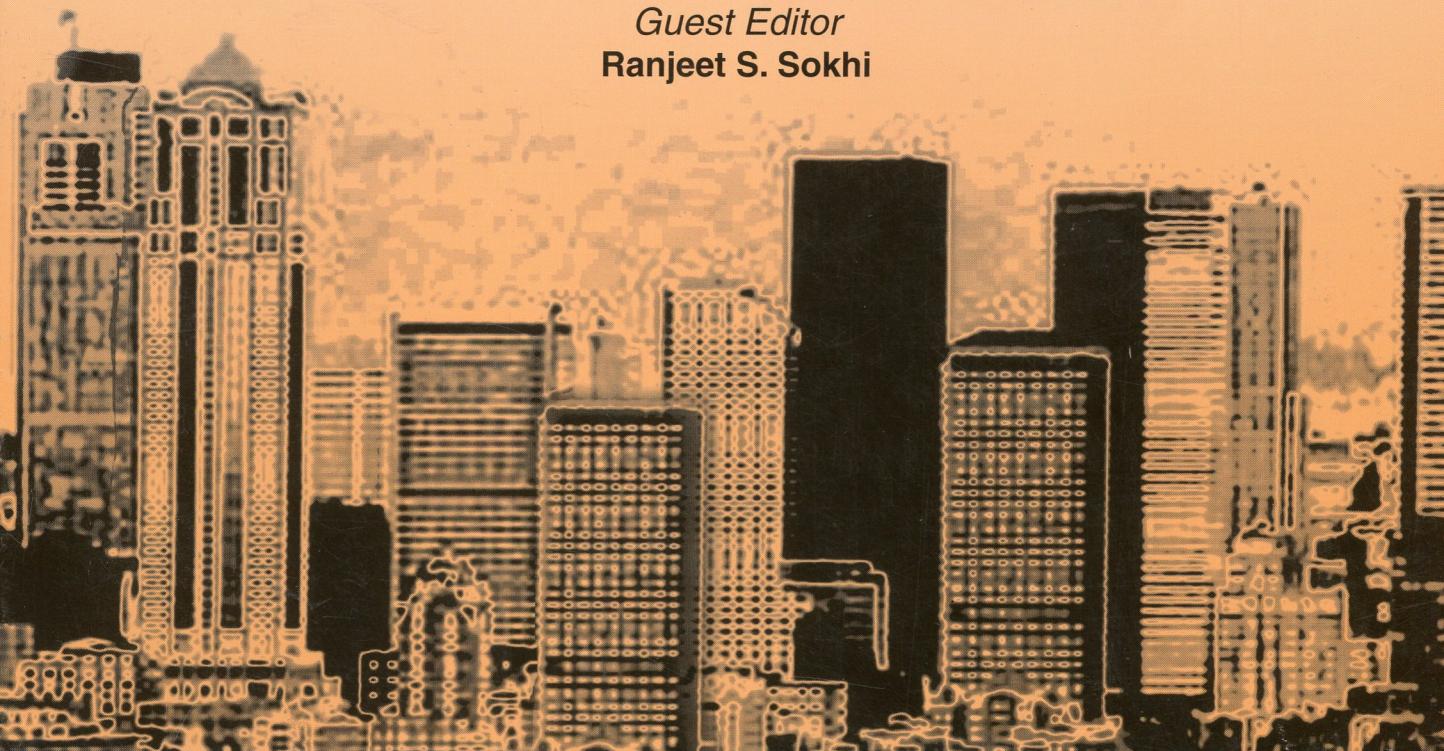
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# ATMOSPHERIC ENVIRONMENT

URBAN AIR QUALITY

Special Issue: Fifth International Conference on Urban Air Quality  
29–31 March 2005, Valencia, Spain

*Guest Editor*  
Ranjeet S. Sokhi



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Special Issue

**Fifth International Conference on Urban Air Quality,  
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*Guest Editor***Ranjeet S. Sokhi**

- There has been a continued growth in the interest in urban air pollution in the research community and also in the public domain. This is mainly driven by the need to improve our understanding of physical and chemical processes involved in the transport and transformation of pollutants in the atmosphere. The Fifth International Conference on Urban Air Quality (UAQ) will bring together a large number of presentations on various aspects involving atmospheric dispersion studies. Some of the topics include: (i) Observations of urban air quality; (ii) Modelling of pollutant dispersion due to road traffic; (iii) Dispersion of particulate matter in street canyons; (iv) Probabilistic source attribution models for nanoparticles in air suspension applied on the main roads of Madrid and Mexico City; (v) Sources and factors affecting  $PM_{10}$  levels in two European cities; (vi) Spatial and temporal variations in airborne particulate matter ( $PM_{10}$  and  $PM_{2.5}$ ) across Spain 1999–2005; (vii) Evaluation and application of a statistical model for assessment of long-range transported proportion of  $PM_{2.5}$  in the United Kingdom and in Finland; (viii) Analysis and evaluation of selected  $PM_{10}$  pollution episodes in the Helsinki Metropolitan Area in 2002; (ix) An online coupled meteorological and air quality modeling study of the effect of complex terrain on the regional transport and transformation of air pollutants over the Western United States.
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invaluable advice. Finally, we would like to express our sincere gratitude to all the researchers who have contributed to the scientific advances presented at the conference and now reported in this special issue.

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