



Air Quality-Related Sustainable Transportation Planning and Optimization in Smart Cities

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Message from the Guest Editors

Dear Colleagues,

Air quality related diseases represent an unprecedented global health crisis and the effects may be associated with environmental and socio-economic factors. Traffic-related atmospheric emissions of greenhouse gases and toxic air pollutants are a serious environmental problem that affects climate change and air quality in smart cities. Many current planning models and policies around the world ignore the potential impact of general exposure to anthropogenic emissions and underestimate local exposure, especially at significant locations such as traffic hotspots.

Our aim is to find non-linear relationships between long-term transport mobility data, sociodemographic parameters and cardio and respiratory diseases. This subject will provide a basis for establishing sound climate change policies in other areas, such as public health and urban planning.

Potential topics include, but are not limited to, sustainable mobility, transport geography, human health and exposure, urban air pollution, universal accessibility, transport energy and climate change, and transport planning and smart cities.

We look forward to receiving your contributions.





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