

Special Issue

The Effect of Vehicle Emissions on Secondary Aerosol and Air Quality

Message from the Guest Editor

During the last decade, some areas have achieved a considerable reduction of particle matter and NO_x thanks to more stringent emission regulations and constant efforts to improve the technology applied to all means of transport. Despite the improvement, many urban areas still show values of air pollutants above the limits recommended by the WHO guidelines. Moreover, there are still compounds which can be attributed to transport and not yet regulated in many countries or regions worldwide, although they can be equally harmful and have adverse health effects in the population. In this Special Issue, we invite submissions exploring transport emissions, both regulated and unregulated (e.g., ammonia, VOCs, aldehydes, organic compounds, and metals from tyres and brake abrasion). Manuscripts which aim to improve the knowledge on reactivity of primary emissions, secondary aerosols, photochemical smog, and ozone formation which can be attributed to transport sources are welcome. Contributions can also focus on local, regional, or global air quality modelling considering meteorological effects.

Guest Editor

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Deadline for manuscript submissions

closed (15 March 2022)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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