



Impacts of Transport Systems on Air Pollution and Human Health

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Deadline for manuscript submissions:

closed (21 January 2022)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit your research results for publication in the new Special Issue of the Atmosphere journal. Transport systems are the main contributors to poor air quality in the major cities. They have significant impacts on human health and environment. In particular, electric mobility is playing a growing interest in sustainable transport sector development. Its benefits of transport systems are yet to be confirmed in terms of air quality and human health improvement. Indeed, so far, the electrification processes have not reduced particulate matters being produced by non-exhaust emissions (brakes, tires, road surface and rail abrasion, resuspension, etc.). Future reliable studies need to be particularly addressed to assess the impacts of those pollutant emissions, their bioavailability to induce health disorder on the exposed population.

We are therefore expecting original papers on the relationship between transport systems and their impacts on human health. Papers should produce new information and methods confirming the latter links, and suggest recommendations to the market switch for electric transport systems.

Guest Editors





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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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