Special Issue

Traffic Related Emission (3rd Edition)

Message from the Guest Editor

This Special Issue will represent a follow-up to the Special Issues entitled “Traffic-Related Emissions” (https://www.mdpi.com/journal/atmosphere/special_issues/Traffic_Related_Emission) and “Traffic-Related Emissions (2nd Edition)” (https://www.mdpi.com/journal/atmosphere/special_issues/EHMD25U223) published in Atmosphere and will cover all aspects of traffic-related emissions. The scope of the third edition of this Special Issue will be consistent with the previous two, including a range of studies on traffic-related emissions from motor vehicles, NRMM, and non-exhaust sources (brake and tire wear particles, as well as evaporative VOCs). In addition, we welcome new insights into the impacts of future vehicle technologies, including, but not limited to, electrification, hybridization, and e-fuels, on local air quality improvement and carbon footprint reduction. We invite submissions of original research supported by experimental data, reporting on cutting-edge technologies in emission control and fuels, carbon footprint life-cycle assessments, and forthcoming emission regulations.

Guest Editor

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Deadline for manuscript submissions

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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!

Editor-in-Chief

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