Special Issue

Transport Emissions and the Atmosphere

Message from the Guest Editor

The online journal Atmosphere is looking for contributions to a special issue on Transport Emissions and the Atmosphere. Emissions from transport continue to play a critical role in determining air quality outcomes in many cities worldwide which underscores the need for new approaches to address the transport-air quality nexus. At present, the transportation sector is in a state of transition and is moving away from conventional internal combustion engines to more sustainable technologies involving alternative fuels and vehicle electrification, for example. The goal for this Special Issue is to capture current state-of-the-art in the transport emissions field for the purpose of informing the design of cost-effective air pollution control programs targeting the transportation sector. As a result, the focus of this Special Issue is, necessarily, broad with contributions from a range of topics being useful. This includes, but is not limited to, contributions regarding the air quality impacts of:

- alternative fuels
- alternative powertrains
- alternative engine technologies
- shipping
- aviation
- and on and off-road transport

Guest Editor

Dr. Nicholas Surawski

Centre for Green Technology, School of Civil and Environmental Engineering, University of Technology Sydney, Sydney, NSW 2007, Australia

Deadline for manuscript submissions

closed (31 August 2019)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/21611

Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

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About the Journal

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

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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