

Special Issue

Assessment and Control of Vehicle Emission

Message from the Guest Editor

Vehicle emissions are widely recognized as a significant contributor to both air pollution and greenhouse gas emissions, adversely affecting local air quality and global climate change. Several countries have implemented policies to reduce vehicle emissions, such as improving fuel quality, updating emission standards, scrapping high-emissions vehicles, and promoting electric vehicles. Some of these policies have the synergistic benefits of reducing air pollutant and greenhouse gas emission levels. A comprehensive evaluation of vehicle emission control policies is necessary for future policy formulation. Vehicle emissions assessments can control these.

Assessment-related research topics may consider emission tests, emission inventories, environmental impacts, and health risks. Control-related research topics include policy evaluation, synergistic benefit, scenario analysis, and reduction pathway design research. Original papers (including review articles) on the topics discussed above and other relevant topics are welcome for publication in this Special Issue.

Guest Editor

Dr. Shida Sun

Department of Earth System Science, Tsinghua University, Beijing 100084, China

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

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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

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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