

## Special Issue

# Effects of CO<sub>2</sub> Emissions Control on Transportation and Its Energy Use

### Message from the Guest Editors

Due to the extensive use of fossil fuels, transportation is globally one of the main contributors to carbon dioxide emissions, which is the most important greenhouse gas responsible for global warming and its effects on climatic changes and extreme events. Therefore, controlling and mitigating emissions of carbon dioxide (CO<sub>2</sub>) and relevant greenhouse gases (GEE) such as methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O) in transportation is known as one of the mandatory actions worldwide to avoid climatic problems. In such a context, this Special Issue of Sustainability seeks to publish contemporary works that present innovative contributions on GEE emissions' mitigation and control, as well as its impacts on the use of current or advanced energy sources in transportation. All submitted material must make clear its innovative contribution and the control and/or mitigation action(s) considered, the amount of GEE emissions reduced and its impacts on the use of energy in transport. In addition, the economic and financial evaluation of each action and ways of financing it is also desired.

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### Guest Editors

Prof. Dr. Márcio de Almeida D'Agosto

Prof. Dr. Renata Albergaria de Mello Bandeira

Prof. Dr. Carlos Eduardo Sanches de Andrade

Dr. Luciana Maria Baptista Ventura

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### Deadline for manuscript submissions

closed (31 March 2025)



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### Editor-in-Chief

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