

Special Issue

Effects of CO₂ 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 (CO₂) and relevant greenhouse gases (GEE) such as methane (CH₄) and nitrous oxide (N₂O) 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.

Guest Editors

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Deadline for manuscript submissions

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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