Special Issue

The Urgency of Decarbonizing the Mobility and Transport System

Message from the Guest Editors

Atmospheric pollution in urban areas remains one of the classic problems of cities, essentially associated with the burning of fossil fuels (gasoline and diesel) in the internal combustion engines of motor vehicles. The challenges that arise in the area of decarbonization of the mobility and urban transport system are contemplated, directly or indirectly, in the objectives of the 2030 Agenda for Sustainable Development of the United Nations. The following sustainable development goals (SDGs) can be highlighted: SDG 3—Good health and well-being; SDG 7—Affordable and clean energy; SDG 11—Sustainable cities and communities; SDG 13—Climate action.

For these reasons, this Special Issue of Sustainability is seeking scientific and technical contributions regarding transport decarbonization to create a sound scientific and technical background for designing future policies, strategies, and actions in this field. Thus, research and/or review articles should include but are not limited to, the following topics on mobility: system efficiency, trip efficiency, and vehicle efficiency, towards achieving a clean and fully decarbonized mobility.

Guest Editors

Dr. Paulo Ribeiro

Prof. Dr. José F.G. Mendes

Prof. Dr. Paulo António Alves Pereira

Deadline for manuscript submissions

closed (30 June 2024)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/162994

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

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

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

