

Special Issue

Sustainability and Transportation Systems

Message from the Guest Editors

Climate change is at the top of the list of challenges facing humanity today, caused in large part from the burning of fossil fuels. About 15% of global carbon dioxide emissions come from the transportation section. By 2100, the world's population is projected to reach approximately 10.9 billion, with annual growth of less than 0.1%—a steep decline from the current rate. Almost all this growth will be in the urban sector. Considering these statistics, researchers and policy makers must think about the increasing demand and strain on the existing transportation and energy infrastructure. They must consider what future actions mean in terms of sustainability and environmental impact. Projections through 2050 for one of the largest energy consumers in the world, the United States. Further, passenger travel and freight movement across virtually all modes of transportation are projected to increase. Too often, researchers fail to place adequate emphasis on the consumer and their choices or challenges. This special issue invites papers that explore all these complex and critical issues and how they might come to define a sustainable transportation system of the future.

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Deadline for manuscript submissions

closed (31 March 2021)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 8.9



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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.

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