



Sustainability and Transportation Systems

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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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Message from the Editor-in-Chief

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