

Special Issue

Emerging Transportation Safety and Operations: Practical Perspectives

Message from the Guest Editors

Traffic engineers believe that transportation automation technologies such as advanced driver assistance systems, automated driving vehicles, connected vehicles and autonomous vehicles have the potential to reduce crashes, prevent injuries, save lives, and improve traffic operations. For this Special Issue of Vehicles entitled “Emerging Transportation Safety and Operations: Practical Perspectives,” we are seeking original contributions within this research area. Topics include but are not limited to applications of safety methods along with emerging technologies, evaluation of traffic studies, before–after studies of safety countermeasures, operation-based safety and other impact studies, emerging trends in traffic safety and operations, surrogate measures, applications of data-driven safety and operation methods with CAV-generated data, third-party data or other synergized data sources.

Guest Editors

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Prof. Dr. Heng Wei

Dr. Parth Bhavsar

Deadline for manuscript submissions

closed (15 March 2024)



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About the Journal

Message from the Editor-in-Chief

In response to economic, political, and environmental pressures, the automotive vehicle community is expanding its research, development, and production of more energysaving, environmentally friendly, and safer ground vehicles through vehicle electrification, powertrain hybridization, high-efficiency drivetrain, autonomous or automated driving, vehicle connectivity, and infrastructure.

Vehicles is a new open access and peer-reviewed international journal that will facilitate rapid publication of scholarly articles on studies related to ground vehicles. Its mission is to publish cutting edge articles, conference proceedings, and to organize Special Issues which highlight outstanding research on specific topics regarding all landbased vehicles with regards to the design, modeling and simulation, manufacture, testing, and operation and modification of those vehicles and their engineering systems.

Editor-in-Chief

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