

Special Issue

Novel Solutions for Transportation Safety, 2nd Edition

Message from the Guest Editors

Transportation remains the backbone of economic growth and societal connectivity, and ensuring safety is more critical than ever. Building on the success of the first edition, this second edition of our Special Issue continues to explore cutting-edge research and innovative strategies for enhancing transportation safety, while introducing new and emerging topics that reflect the evolution of the field. In addition to core themes such as accident prevention, traffic incident management, smart infrastructure for traffic safety, and autonomous vehicle systems, this edition expands its scope to include the following topics: (1) preventive safety project development; (2) the adoption of machine learning (ML) in safety applications; and (3) vulnerable road user (VRU) safety. We invite contributions that address these topics and other forward-thinking approaches to transportation safety. By fostering dialogue on these evolving areas, this Special Issue aims to shape safer, more reliable transportation networks for communities worldwide.

Guest Editors

Dr. Tai-Jin Song

Department of Urban Engineering, Chungbuk National University,
Cheongju 28644, Republic of Korea

Dr. Yao Cheng

Department of Civil, Environmental and Geomatics Engineering, Florida
Atlantic University, Boca Raton, FL 33431, USA

Deadline for manuscript submissions

31 July 2026



Vehicles

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/259460

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

[mdpi.com/journal/
vehicles](https://mdpi.com/journal/vehicles)





Vehicles

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



[mdpi.com/journal/
vehicles](https://mdpi.com/journal/vehicles)



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

Prof. Dr. Mohammed Chadli

Department UFR Sciences and Technologies, Université Evry Paris-Saclay, 91020 Evry, France

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Automotive Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.4 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the second half of 2025).