

Special Issue

Autonomous Vehicles: Risk Management Issues and Concerns

Message from the Guest Editors

This Special Issue will highlight new opportunities and challenges for the introduction of autonomous transportation systems. A particular emphasis will be devoted to challenges that pertain to the risk management of this emerging technology to ensure sustainable and fair distribution for all stakeholders. Undoubtedly, the risk management question is key to resolving the so-called “pacing problem” in the introduction of new technologies. As such, we welcome authors to submit their timely research related to the risk management of autonomous vehicles, including, but not limited to, the following topics:

- Risk modelling of autonomous and semi-autonomous vehicles. This might include risk metrics related to “handover” and “handback”;
- Behavioural elements among different demographics and the issue of public acceptance.
- The insurability of autonomous vehicles, actuarial considerations, and the necessary amendments to liability regimes;
- Energy usage and associated infrastructural costs. This might include costs related to the dissemination of 5G, data usage, and storage;

Guest Editors

Prof. Dr. Martin Mullins

Dr. Barry Sheehan

Dr. Darren Shannon

Mr. Tim Jannusch

Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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