Special Issue

Advances in Connected and Autonomous Vehicles

Message from the Guest Editors

As automation continues to advance in the vehicle industry, the future of transportation will be the convergence of connected, autonomous, and connected and autonomous vehicles (CVs, AVs, and CAVs, respectively). Although decades will be required for full market penetration, with sufficient penetration of CVs, AVs, and CAVs, numerous benefits could be delivered such as reducing driver fatigue, reduction of traffic and parking congestion, improved safety, affordability for low-income customers, energy conservation, and emission reduction, which will be accompanied by many new risks and challenges such as regulation, security, and privacy protection. This Special Issue is intended to create a forum for advancing research related to CVs, AVs, and CAVs to support researchers, car manufacturers, government agencies, scientists, and engineers to better evaluate the future impacts of automation in vehicles and develop more reliable connected and autonomous vehicles for their applications in smart cities.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, *Smart Cities* serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.
We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

Editor-in-Chief

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