Special Issue

AI-Based Transportation Planning and Operation

Message from the Guest Editor

The purpose of this Special Issue is to provide an academic platform to publish high-quality research papers on the applications of innovative AI algorithms to transportation planning and operation. Prospective authors are invited to submit original research and review articles related to the applications of AI or machine learning techniques to transportation planning and operation. The potential topics of interest include but are not limited to the following:

- Big data analytics in transportation
- Data-driven transportation modeling and simulation
- AI-based traffic surveillance
- Traffic operations and management
- Road safety enhancement
- AI-based transportation network design
- Decision-making on transportation issues
- Car sharing technologies
- Pedestrian movement analysis
- Vehicle emission management
- Mobility data analysis for evacuation

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2020)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/39695

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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