AI-Based Transportation Planning and Operation

Guest Editor:

Prof. Dr. Keemin Sohn
Laboratory of Big-data applications in public sector, Department of urban engineering, Chung-Ang University, Seoul 156-756, Korea

Deadline for manuscript submissions:
closed (15 November 2020)

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

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us