Special Issue

Multi-Modal Electric Vehicle Transportation Network Modeling

Message from the Guest Editors

Research contributions addressing the following topics are particularly encouraged:

- Multi-modal transportation network modeling for electric vehicles, including electric unmanned aerial vehicles (UAV), private vehicles, and public transit vehicles (buses, subways, and railways);
- Application of reinforcement learning in electric vehicle transportation networks;
- Electric vehicle charging station location and network optimization;
- Coordination strategies for hybrid transport networks of electric vehicles and conventional vehicles;
- Energy management and optimization in electric vehicle routing;
- Environmental impact analysis of electric vehicle transportation networks;
- Application of big data in electric vehicle transportation networks;
- Safety and route planning of electric vehicles;
- User behavior analysis of electric vehicles in transportation networks;
- Optimization of electric bus dispatching and scheduling strategies;
- Site selection and optimization of electric bus charging facilities.

Guest Editors

Dr. Jie Ma

Dr. Jingxu Chen

Dr. Xinlian Yu

Deadline for manuscript submissions

28 February 2026

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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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