Special Issue

Advances in Smart Transportation Systems

Message from the Guest Editors

Smart transportation systems refer to technology-enabled mobility ecosystems that leverage sensing, communication and data analytics to optimize performance, safety and sustainability of multimodal networks, coordinating public transit, autonomous vehicles, shared mobility and micromobility to enable real-time, user-responsive and environmentally conscious services. This Special Issue explores cutting-edge research on smart multimodal transportation, including new theories, methodologies and applications, and welcomes contributions on autonomous driving, on-demand and responsive mobility, ride sharing, pooled mobility and first- and last-mile solutions within a connected ecosystem powered by AI, IoT, edge computing and digital twins. We encourage papers on infrastructure intelligence, real-time mobility orchestration, data-driven and behavior-aware design and policy innovations for equitable, efficient and sustainable smart mobility, offering an open platform for researchers, practitioners and policymakers to exchange insights and push the boundaries of user-centric, environmentally conscious transportation.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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