



Intelligent Transportation System and Road Infrastructure Design

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Message from the Guest Editors

The rapid development of the modern transportation network is accompanied by challenges in traffic and road infrastructure, including safety, congestion, maintenance, mode accommodation, environmental impacts, and more. In particular, the design and condition of the road infrastructure (e.g., pavements, signage, pathway, parking facility) can greatly affect the behavior of drivers and their ability to respond to potential hazards and crash impacts. For some of these challenges, the integration of advanced intelligent transportation system (ITS) technologies into highway infrastructure design offers innovative solutions. ITS technologies augment traditional infrastructure improvement approaches and provide real-time traffic information (e.g., traffic flow, road conditions, parking availability), helping to create safer and more efficient, reliable, and sustainable transportation systems.





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Message from the Editor-in-Chief

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