

Special Issue

Emerging Transportation Safety and Operations: Practical Perspectives, 2nd Edition

Message from the Guest Editors

For many years, traffic safety professionals and researchers have believed that transportation automation technologies such as advanced driver assistance systems, automated driving vehicles, connected vehicles, and autonomous vehicles have the potential to reduce crashes, prevent injuries, save lives, and improve traffic operations. In recent years, concerted efforts have been made to improve road safety worldwide. One of the major recognized efforts is a global multi-country effort known as Vision Zero, this global movement aims to use road safety systemic approach measures to end traffic-related fatalities and serious injuries.

For this Special Issue, we are seeking original contributions within this research area. Topics include but are not limited to applications of safety methods along with emerging technologies, the evaluation of traffic studies, before–after studies of safety countermeasures, operation-based safety and other impact studies, emerging trends in traffic safety and operations, surrogate measures, and applications of data-driven safety and operation methods with CAV-generated data, third-party data or other synergized data sources.

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