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## Remote Sensing Advances in Urban Traffic Monitoring

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Deadline for manuscript submissions:

**closed (30 June 2024)**

### Message from the Guest Editors

The ongoing process of urban development is exacerbating the problems related to controlling and managing traffic in road networks. The creation of reliable traffic data banks that combine data from many sources and work in real time is of utmost importance for urban administration. The advent of sensors using IoT technology and the application of AI to fuse diverse data from many sources has inspired new approaches to finding a solution to the problem of traffic data collection and monitoring.

This SI focuses on reviewing advancements in the methods and technologies used to monitor traffic in cities. We welcome submissions that present the results of studies on the application of new technologies for remote sensing and the fusion of traffic data from diverse sources.

This SI is devoted to:

(1) Traffic monitoring using UAVs; (2) UAVs for the collection of traffic data; (3) Data fusion from multiple traffic sensing modalities; (4) Image-based assessment of road network congestion; (5) Road infrastructure condition monitoring; (6) The application of deep learning in urban traffic monitoring systems; (7) Impact of IoT technology on traffic data collection.



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## Message from the Editor-in-Chief

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