Special Issue

UAVs Revolutionizing Smart City Transportation: Innovations, Challenges, and Potential

Message from the Guest Editor

Small unmanned aerial vehicles (UAVs), commonly known as drones, play a crucial role in the enhancement of transportation systems for future smart cities. The integration of drones offers numerous opportunities within the transportation sector, with ongoing efforts to discover novel approaches to harness their potential. The majority of these efforts revolve around utilizing camera-equipped UAVs to gather traffic and driving behavior data, which is then utilized for various purposes including surveillance, traffic violation detection, congestion management, signal optimization, and analyzing vehicle trajectories for accident risk assessment and other research inquiries. This research topic focuses on the latest developments in utilizing UAVs to address traffic and transportation challenges.

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