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## Video Surveillance System for Environmental Mobile Sensing

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Deadline for manuscript  
submissions:  
**closed (31 December 2024)**

### Message from the Guest Editor

Dear Colleagues,

Object recognition and tracking is becoming more popular due to ongoing applications in the public sectors. One of the most common and cost-effective methods for object tracking is the use of homogenous and heterogeneous multi-sensor systems. Sensor-based object tracking can be used to monitor people and traffic movement in apartments, buildings, or even entire cities, in addition to autonomous vehicles (self-driving cars and robots) and individuals (motion capture, wearable sensors). These sensors could be vision-based, inertial measurement units (IMUs), LIDARs, or a variety of others, depending on the application.

- Inertial measurement units (IMUs)
- Motion capture
- Autonomous vehicles
- Simultaneous localization and mapping (SLAM)
- Computer vision
- Wearable sensors

Dr. Yehia Taher  
*Guest Editor*



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**Special** Issue



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## Message from the Editor-in-Chief

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