Special Issue

Application of Internet of Things Systems with Sensors in UAV Identification and Tracking

Message from the Guest Editors

UAVs have attracted increasing attention due to their widespread use in various fields, such as commercial deliveries, agriculture, search and rescue, and traffic monitoring. However, UAVs are a double-edged sword, as they can also be misused for nefarious purposes such as smuggling and terrorist attacks. Therefore, the identification and tracking of UAVs are necessary. This Special Issue aims to explore recent advancements, emerging trends, and innovative applications in the field of using Internet of Things systems with sensors for UAV identification and tracking. The topics of interest for this Special Issue include, but are not limited to, the following:

- The design of IoT systems for UAV identification;
- The design of IoT systems for UAV detection;
- The design of IoT systems for UAV tracking;
- Sensor data fusion in IoT systems for anti-UAV purposes;
- Signal processing algorithms in IoT systems;
- AI and ML algorithms for UAV identification and the IoT;
- Localization and tracking algorithms for anti-UAV purposes and the IoT.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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