

Special Issue

Advanced UAV-Based Applications for the Internet of Things (IoT)

Message from the Guest Editor

The last decade has witnessed accelerated development of Unmanned Aerial Vehicle (UAV) technologies. This has facilitated emerging UAV-based applications in numerous fields, including precision agriculture, energy harvesting, wireless power transmission, localization, and positioning, among others. The integration of UAV technologies and Internet of Things (IoT)/Artificial Intelligence of Things (AIoT) is a cornerstone for the development of modern IoT networks. This Special Issue aims to bring together recent advances, theoretical developments and analyses, practical implementations, and innovative methodologies that highlight applications of UAV technologies in high-speed, low latency, energy-efficient, and more optimized IoT/AIoT networks. We welcome contributions addressing advanced theoretical developments, real-world deployments, testbeds, and experimental studies, as well as interdisciplinary approaches combining UAV technologies with IoT.

Guest Editor

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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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