Special Issue

UAV Detection, Classification, and Tracking

Message from the Guest Editors

At present, UAVs (a.k.a. drones) are widely available in a wide range of sizes and capabilities, introducing unprecedented opportunities but also threats in terms of safety, privacy, and security. While the introduction of artificial intelligence and deep learning in conjunction with hardware innovations have significantly improved the capabilities to detect and classify drones, counter-UAV systems are facing challenges to detect threats from diverse UAV types and makes, in diverse and ever-changing environments. This Special Issue aims to highlight advances in the field of UAV detection, classification, and tracking using a variety of single and multi-sensor techniques. Topics include, but are not limited to:

- Visual UAV detection and classification;
- IR UAV detection and classification;
- Radar UAV detection and classification;
- RF UAV detection and classification;
- Data fusion for UAV detection and classification;
- UAV tracking.

For more information, please see: mdpi.com/si/195718

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About the Journal

Message from the Editor-in-Chief

Drones is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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