Special Issue

Cybersecure and Trustworthy Deployment of Drones and Autonomous Vehicles

Message from the Guest Editors

Autonomous systems have recently witnessed an exponential growth in utilization for their contribution to promoting life quality. The aim of this Special Issue is to promote cybersecurity awareness in autonomous systems by inviting original research articles that investigate the recent cybersecurity challenges, detection and mitigation methodologies, and research findings with applications to UAVs and autonomous vehicles. This Issue also aims to establish a broader impact by creating the foundation of cybersecurity research that benefits other research areas such as robotics. Suggested themes of articles are those that address the aforementioned cybersecurity challenges and highlight novel state-of-the-art detection and countermeasure approaches. Such approaches may include artificial intelligence, image or video processing, signal processing, new or improved hardware modules (e.g., sensors, front-end circuitry), cooperative networking, vehicle-to-vehicle communications, and coding protocols.

Guest Editors

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closed (31 December 2024)

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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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