

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

Dr. Khair Ayman Al-Shamaileh

Department of Electrical Engineering, Purdue University Northwest,
Hammond, IN 46323, USA

Prof. Dr. Naima Kaabouch

Department of Electrical Engineering, University of North Dakota, Grand
Forks, ND 58202-7165, USA

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closed (31 December 2024)



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Drones
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
drones@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

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