

Special Issue

Advanced Unmanned System Control and Data Processing

Message from the Guest Editors

UAV drone technology is constantly evolving with new innovation in circuit boards, chipset, peripherals, and software, resulting in more advanced drones on the market every few months. Drones are used for aerial photography, express shipping and delivery, search and rescue, geographic mapping, surveillance, and so on. Research on the design, data processing, and applications of drones or general unmanned vehicle systems are of great importance. This Special Issue aims to report the most recent research results in UAV control and data processing. Papers on UAV tracking and control, UAV image-based object detection, UAV applications, and general machine learning algorithms are all welcome. This Special Issue is within the scope of *Drones*.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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