

Special Issue

Advanced Cross-Domain Unmanned Platform Command and Security Technology

Message from the Guest Editors

The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights into the challenges associated with cross-domain operations. Specifically, the focus is on algorithms, architectures, and applications that facilitate seamless interaction among unmanned platforms while ensuring their resilience against emerging security threats. This topic is well-aligned with the journal's scope, as it includes cutting-edge research in drone technology, automation, and cooperative systems.

- Cooperative guidance and control;
- Intelligent mission planning;
- Multi-domain operations;
- Aircraft overall technology;
- Multi-target allocation technology;
- Structural design and analysis;
- Cooperative perception and decision;
- Heterogeneous cross-domain system;
- Artificial intelligence and machine learning;
- Intelligent game theory;
- Network attacks and security;
- Security protocols and risk management;
- Case studies and real-world applications;
- Ethical and regulatory considerations.

We look forward to receiving your original research articles and reviews.

Guest Editors

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Deadline for manuscript submissions

10 May 2025



Drones

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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

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