

## 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.

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### Guest Editors

Prof. Dr. Haibin Duan

Dr. Jialong Zhang

Dr. Shuangxi Liu

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### Deadline for manuscript submissions

closed (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.

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### 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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