

## 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 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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### 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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