

## Special Issue

# Perception, Decision-Making and Control of Intelligent Unmanned System

### Message from the Guest Editors

This Special Issue focuses on the design of intelligent drone systems, including research into control systems, artificial intelligence, decision-making, UAV modelling and simulation, etc. The aim of this Special Issue is to provide a venue for drones research on artificial intelligence, unmanned systems, robotics, automation, intelligent systems, etc. All papers will be published in an open access format following peer review. Both research papers and overview papers are welcome. Topics of interest include (but are not limited to) the following:

- Intelligence unmanned systems;
- Artificial intelligence;
- Robotics and automation;
- Machine learning;
- Safe learning;
- Formation control;
- Group formation tracking;
- Bipartite cooperative;
- SLAM (simultaneous localization and mapping);
- Collaborative perception and positioning;
- Decision making;
- Drones;
- Path planning;
- Image fusion;
- Feature fusion;
- Sensor fusion;
- Scene understanding.

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### Guest Editors

Prof. Dr. Shuang Li  
Dr. Chengchao Bai  
Dr. Jinzhen Mu

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### Deadline for manuscript submissions

closed (20 April 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

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