

## Special Issue

# Embodied Artificial Intelligence Systems for UAVs

### Message from the Guest Editors

This Special Issue aims to publish the latest contributions in developing Embodied Artificial Intelligence (EAI) software and hardware for mobile edge computing for UAVs to advance UAVs' real-time, energy-efficient, adaptative, reliable, reconfigurable, and predictable performance. Researchers, developers, and industry practitioners working in this area are invited to present their views on the current trends, challenges, and state-of-the-art solutions addressing various challenges and issues in mobile edge computing for UAVs. We welcome submissions from, but are not limited to, the following:

- EAI Algorithms for Drones;
- EAI Systems for Drones;
- EAI Computing Acceleration Hardware for Drones;
- Security and reliability;

---

### Guest Editors

Dr. Shaoshan Liu  
Shenzhen Institute of Artificial Intelligence and Robotics for Society,  
Shenzhen 518100, China

Dr. Bo Yu  
Shenzhen Institute of Artificial Intelligence and Robotics for Society,  
Shenzhen 518100, China

---

### Deadline for manuscript submissions

closed (28 November 2024)



## Drones

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.4



[mdpi.com/si/155032](https://mdpi.com/si/155032)

*Drones*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[drones@mdpi.com](mailto:drones@mdpi.com)

[mdpi.com/journal/  
drones](https://mdpi.com/journal/drones)





# Drones

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.4



[mdpi.com/journal/  
drones](https://mdpi.com/journal/drones)



## 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

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)