drones

an Open Access Journal by MDPI

IMPACT FACTOR 4.4

CITESCORE 5.6

Drone Communication, Networking, and Trajectory Control in Urban Environments

Guest Editors:

Dr. Endrowednes Kuantama

Dr. Yu Zhang

Dr. Ningning Hou

Dr. Yimeng Feng

Deadline for manuscript submissions:
28 February 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to gather original research articles and review papers that provide insights into the latest advancements and challenges in drone communication, networking, and trajectory control in urban environments.

- Drone communication and networking
- Multi-drone coordination
- Real-time data transmission
- Urban air traffic management
- Trajectory planning
- Sustainable urban transport
- On-board AI processing
- Millimeter wave radar enabled drone navigation
- Drone remote sensing using millimeter wave radar
- LoRa-enabled drone monitoring and networking
- LoRa-assisted drone communication and networking
- LoRa for long range drone applications
- Novel drone applications
- Drone Assisted Wireless Communications for 5G and Beyond
- Drone security
- Integrated sensing and communication drone networks
- Remote object detection from drone
- Urban Computing

drones

an Open Access Journal by MDPI

IMPACT FACTOR 4.4

CITESCORE 5.6

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

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.

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, and other databases.
Journal Rank: JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)

Contact Us

Drones Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/drones
drones@mdpi.com
𝕏@Drones_MDPI