

Special Issue

Drones and the Internet of Things: Enabling Connected Airspace

Message from the Guest Editors

The integration of UAVs (drones) into wireless networks is revolutionizing communication with their mobility, flexible deployment, and growing processing power. UAVs serve as flying base stations, relays, and sensing platforms, enabling next-gen wireless and IoT systems for seamless connectivity and real-time interaction. This Special Issue invites original research and reviews on UAV-enabled wireless communication and IoT, aligned with the journal's focus on networking, systems engineering, and cyber-physical integration. We welcome submissions on topics including:

- Communication architectures and protocols for UAV-IoT systems
- Network modeling, optimization, and integration of UAV connectivity
- AI and autonomy in UAV-enabled IoT
- Security, privacy, and regulation for UAV systems
- Testbeds and experimental validation

Looking forward to your contributions.

Guest Editors

Dr. Riccardo Marini
Dr. Bernabe Matteo
Dr. Enrico Testi

Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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