

# Special Issue

## Wireless Networks and UAV

### Message from the Guest Editor

We are inviting submissions to a Special Issue of *Drones* on the subject of “Wireless Networks and UAV”. This Special Issue focuses on new developments in the field of placement, smart network control, and the navigation of unmanned vehicles from theoretical to experimental studies. Potential topics include, but are not limited to, the following:

- Efficient and resilient deployment of aerial drones;
- Control of unmanned vehicles-aided networks;
- UAV-aided mobile sensor networks;
- Autonomous vehicles networks monitoring;
- Energy-efficient UAV tracking of mobile targets;
- Energy harvesting for networks composed of unmanned vehicles;
- Traffic monitoring aided by unmanned vehicles;
- Beyond 5G space–air–ground network control;
- Coverage optimization and control in UAV surveillance;
- Smart autonomous networks of vehicles;
- Collision avoidance for unmanned vehicles;
- Autonomous networks for deep space exploration;
- Experimental platforms for UAV-aided mobile networks.

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### Guest Editor

Dr. Riadh Dhaou  
Institut National Polytechnique de Toulouse, Toulouse, France

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### Deadline for manuscript submissions

closed (14 May 2024)



## 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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