



## Advances in Drone Communications, State-of-the-Art and Architectures

Guest Editor:

### Dr. Vishal Sharma

School of Electronics, Electrical  
Engineering and Computer  
Science, Queen's University  
Belfast, Belfast BT9 5BN, UK

Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editor

Dear Colleagues,

Drones are playing a consequential role in distributing critical information at the edge of the network and, additionally, auxiliary for deploying Long-Term Evolution (LTE) networks in remote locations. In recent works, many researchers have fixated on the various aspects of drones communications. However, the development of robust, high-capacity communication systems is a crucial challenge. The field of drone communication and networking will grow in the future and drones will become ever-more numerous in our skies. This Special Issue aims to assemble current and state-of-the-art research and future directions for drone communications, as well as their role in subsisting cellular setups.

### Keywords

- Drones
- UAVs
- UAV-routing
- Protocols
- Cooperative Rendezvous
- Mutual task allocation for drones
- Drone-Security
- Drone to Drone networking

Dr. Vishal Sharma,  
*Guest Editor*





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## 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.

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*Drones* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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