

## Special Issue

# Latest Advances in UAV Networks: Sensing, Communication, and Control

### Message from the Guest Editors

Today, unmanned aerial vehicles (UAVs) have attracted huge interest within academia and industry as well as among practitioners. UAVs find many civil and military applications related to remote sensing, surveillance, law enforcement, target detection and tracking, and improvement of wireless communications. Further, complex tasks can be delegated to swarms of small cooperating UAVs to gain in flexibility, efficiency, coverage, and reliability. In all these scenarios, UAVs are expected to jointly optimize accuracy in sensing the environment, in processing the gathered data, in planning their trajectories and in reconfiguring themselves (e.g., their formation or communication links) as a response to some sensed events, possibly through cooperation. To preserve the UAVs' energy autonomy and relax the mission time, it is also essential to keep the complexity low, whereas the adoption of low-cost on-board technology enables the realization of large networks of cooperating UAVs. For more information, please visit: [mdpi.com/si/57713](https://mdpi.com/si/57713)

### Guest Editors

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### Deadline for manuscript submissions

closed (25 April 2022)



## Sensors

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*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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