



Applications of Drones

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Message from the Guest Editor

Today, there is a growing need for flying drones with diverse capabilities for both civilian and military applications. There is also a significant interest in the development of novel drones, which can autonomously fly in different environments and locations and perform various missions. Depending on the flight missions of the drones, the size and type of installed equipment are different. Considerable advantages afforded by the drones have led to a myriad of studies focusing on the optimization and enhancement of the drones' performances. According to the mentioned characteristics, drones benefit from the potential to carry out a variety of operations, including reconnaissance, patrolling, protection, transportation of loads, and aerology. They can carry various sensors: visual, acoustic, chemical, and biological. Drones can perform both outdoor and indoor missions in very challenging environments. The applications of drones can be categorized in different ways. This Special Issue invites submissions that discuss the novel applications of drones.





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