

Special Issue

Advances in Unmanned Aerial Vehicle (UAV) System

Message from the Guest Editors

With the increasing development of communication technology, sensor technology, and artificial intelligence, unmanned aerial vehicles (UAVs) have been widely used in both military and civil applications. They have received great attention from researchers and much effort has been put in as well. Accordingly, the objective of this special issue is to present the new advances in UAV systems. The topics of this special issue include, but are not limited to, modeling, path planning, localization, formation control, coordination control, fault diagnosis, security control, performance optimization, hardware design, tracking control, obstacle avoidance, vision-based navigation, reinforcement learning, dynamic simulation, experiments, and applications. Best regards

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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