Special Issue

The Routing, Object Tracking, and Multiple Coordination of Unmanned Aerial Vehicles (UAVs)

Message from the Guest Editor

Unmanned aerial vehicles (UAVs) are used in various applications, including surveillance, disaster response, environmental monitoring, and logistics, and as UAV technology advances, optimizing operations in dynamic and complex environments becomes increasingly essential. This Special Issue focuses on cutting-edge research in UAV routing, object tracking, and multi-agent coordination, addressing challenges such as path optimization, real-time tracking, swarm intelligence, and cooperative decision-making. We welcome contributions to algorithmic innovations, artificial intelligence-based approaches, and practical implementations that enhance UAV efficiency, autonomy, and reliability. The Special Issue aims to bridge theoretical advancements with real-world applications, assisting interdisciplinary collaboration and technological progress in UAV systems.

- UAV routing optimization
- object tracking with UAVs
- multi-UAV coordination
- swarm intelligence
- AI-based UAV control
- path planning algorithms
- cooperative decision-making
- autonomous UAV navigation

Guest Editor

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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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