Special Issue

Artificial Intelligence in Drone and UAV

Message from the Guest Editor

To fully harness the potential of drones, AI-driven support and automation are essential at all stages of operation—before, during, and after the completion of the flight. Therefore, this Special Issue seeks creative research contributions that explore recent advancements in AI for enhancing the efficiency, effectiveness, and safety of drone applications.Relevant topics include, but are not limited to, flight path optimization, obstacle avoidance systems, simultaneous localization and mapping (SLAM), drone swarm coordination, point cloud registration, and real-time or post-processed semantic information extraction. Submissions are welcome from a wide range of domains and applications.

Guest Editor

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Deadline for manuscript submissions

31 August 2025

Applied Sciences

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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.

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