

Special Issue

Artificial Intelligence in Drone Applications

Message from the Guest Editors

This Special Issue intends to publish original research and review articles that discuss theoretical and practical results in relation to artificial intelligence in drones, with a particular focus on navigation, perception, wireless communication, decisions, control, and civil applications using artificial intelligence technologies. This Special Issue addresses a broad list of topics related to artificial intelligence in drones. We welcome papers that focus on, but are not limited to, the following topics:

- Artificial intelligence in drones;
- Machine learning in drones;
- Deep learning in drones;
- Reinforcement learning in drones;
- Computer vision for the perception, navigation and control of drones;
- Artificial-intelligence-based flight and exploration of drones;
- Artificial-intelligence-based wireless communication for drones;
- Artificial-intelligence-based control schemes for drones;
- Artificial-intelligence-based path planning drones;
- Artificial-intelligence-based obstacle avoidance for drones;
- Artificial-intelligence-based applications in drones.

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About the Journal

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

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