



Artificial Intelligence in Drone Applications

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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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Message from the Editor-in-Chief

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