Artificial Intelligence in Drone Applications (2nd Edition)

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Deadline for manuscript submissions:
closed (31 May 2024)

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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Special Issue

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Message from the Editor-in-Chief

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