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Control Systems, Vision Technology and Sensor Fusion for Unmanned Robotic Vehicles

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Deadline for manuscript submissions:

20 September 2024

Message from the Guest Editors

Dear Colleagues,

We are inviting you to submit to the Special Issue “Control systems, Vision Technology and Sensor Fusion for Unmanned Robotic Vehicles” in *Sensors*.

Unmanned robotic vehicles (marine, aerial, ground) have recently been established as a popular solution for a variety of autonomous or semi-autonomous tasks. As sensor technology and actuators rapidly advance, unmanned robots have concurrently evolved with improved endurance. In critical missions such as search and rescue, load transportation, precision agriculture, field surveillance and monitoring, the deployment of single or multi-agent unmanned systems provides safe, robust, fast and efficient solutions.

This Special Issue aims to highlight innovative research on computer vision, visual servo control, sensor fusion, control systems and their application in unmanned robotic vehicles. We welcome contributions from all fields related to unmanned vehicles and robotics, including, but not limited to, the following:

- Unmanned robotic vehicles (marine, aerial, ground);
- Multi-agent systems;
- Motion planning and control;
- Computer vision;
- Visual servo control;
- Sensor fusion;
- Sensing technology.



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Special Issue



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Message from the Editor-in-Chief

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