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Sensors for Unmanned Aerial Vehicles (UAV) Navigation and Localization

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Message from the Guest Editors

Dear Colleagues,

The development of unmanned aerial vehicles (UAVs) is currently on the rise, playing an important role in many fields such as transport, rescue, environmental protection and economic development. The navigation and localization technologies, which is a comprehensive combination of sensor measurement, information processing and positioning solution, is critical for UAVs.

This Special Issue therefore aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of Sensors for Unmanned Aerial Vehicles (UAV) Navigation and Localization.

Potential topics include but are not limited to:

- Navigation Sensors on UAVs
- Integrated Navigation System for UAVs
- Information Fusion Algorithm in UAV Navigation
- Collaborative Localization for UAVs
- Robust Navigation for UAVs
- Localization Technologies in UAVs Application



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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