Special Issue

Recent Advances in UAVs' GN&C (Guidance, Navigation, and Control) Technologies

Message from the Guest Editors

Emerging applications in various types of UAVs, such as rotor aircrafts, tilt-rotor aircrafts, blended-wing-body planes, and hypersonic vehicles, require innovative advanced GN&C technologies with great robustness and good performance under uncertainty and disturbances. We are pleased to announce this Special Issue on UAVs' GN&C (guidance, navigation, and control) and invite manuscripts that highlight recent advances in this field. The scope of this Special Issue will include:

- Innovative designs for UAVs' GN&C;
- Novel navigation and detection concepts and architectures;
- Improvements in data processing and sensor fusion techniques that enhance GN&C performance;
- Research illustrating advances in integrated guidance and control for UAVs;
- Methods and techniques of Artificial Intelligence for UAVs' GN&C;
- New methods of navigation, estimation, and tracking;
- GN&C of multiple UAVs or UAV swarms.

For more information, please visit: mdpi.com/si/125003

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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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