Special Issue

Intelligent Sensors for Acoustic Localization Based Unmanned Aerial Vehicle

Message from the Guest Editors

UAVs (unmanned aerial vehicle) can be used in many fields such as the acquisition of images or the transport of objects. UAVs have also been used for terrorist activities or to disturb the flight of airplanes. The aim of this Special Issue is to contribute to the state of the art, and to introduce current developments concerning the study for UAV identification and location with techniques based on the acquisition of the emitted noise. Therefore, prospective authors are invited to submit original contributions for review for publication in the *Sensors* open access journal. Topics of interest include (but are not limited to) the following:

- UAV navigation and localization systems
- Sound Localization of UAV
- Human factors and human UAV interaction
- UAV Sound Level Prediction
- UAV Active Noise Cancellation
- Real-Time System for Acoustic Detection and Localization of UAV
- UAV Artificial Neural Network
- UAV Fault Diagnosis
- Numerical modeling of the UAV sound generation and propagation
- UAV traffic management system

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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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