

Special Issue

Unmanned Aerial Systems in Precision Agriculture

Message from the Guest Editors

The purpose of this Special Issue is to publish research papers, as well as review articles addressing recent advances in unmanned aerial systems and processes in Precision Agriculture. Original, high-quality contributions that have not yet been published and that are not currently under review by other journals or peer-reviewed conferences are sought. Indicatively, the following research topics related to the use of Unmanned Aerial Vehicles (UAV) in agriculture may be considered for publication in this Special Issue:

- Remote sensing;
- Computer vision;
- Artificial Intelligence and Machine learning for sensor data analysis;
- UAV sensing systems;
- UAV edge computing applications;
- Sensors fusion for agricultural applications;
- ICT applications;
- SLAM- Simultaneous localization and mapping;
- Flight planning;
- Field, crop and soil properties monitoring and mapping;
- UAV-enabled variable rate applications

Guest Editors

Dr. Aristotelis C. Tagarakis

Centre for Research & Technology Hellas (CERTH), Institute for Bio-Economy and Agri-Technology (iBO), 38333 Volos, Greece

Dr. Dimitrios Kateris

Institute for Bio-Economy and Agri-Technology (iBO), Centre for Research & Technology Hellas (CERTH), 38333 Volos, Greece

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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