

Special Issue

Deployment and Navigation of Aerial Drones for Surveillance and Monitoring

Message from the Guest Editor

We are inviting submissions to a Special Issue of *Sensors* entitled “Deployment and Navigation of Aerial Drones for Surveillance and Monitoring”. Aerial drones may refer to unmanned aerial vehicles (UAVs), flying robots, or airships in different applications. Researchers and engineers worldwide are working together to develop novel and efficient tools for the deployment and navigation of networks of aerial drones for monitoring and surveillance. This Special Issue is focused on new developments in the field of placement and navigation of UAVs for surveillance applications. Potential topics include, but are not limited to, the following:

- Reactive deployment of aerial drones;
- Proactive deployment of aerial drones;
- UAV navigation;
- Surveillance and following moving objects using UAVs;
- Networks of UAVs;
- UAV path planning;
- Collision avoidance for UAVs;
- Deployment and control of flying sensor networks;
- Coverage control in UAV surveillance;
- Environmental monitoring by UAVs.

Guest Editor

Prof. Dr. Andrey V. Savkin

School of Electrical Engineering and Telecommunications, University of New South Wales, Sydney, NSW 2052, Australia

Deadline for manuscript submissions

closed (15 August 2019)



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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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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