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Recent Advances of Targeted Observation by Radar/Optical Sensors and UAS

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Deadline for manuscript submissions:
closed (15 February 2024)

Message from the Guest Editors

Dear Colleagues,

The goal of this Special Issue is to collect papers to give insights about intelligently targeted observation by radar/optical sensors and UAS. This Special Issue focuses on radar or optical target observation from the drone's perspective, with no restrictions on the field of application, which means the research results of radar/optical sensors and UAVs in precision agriculture, medical care, Internet of Things, logistics, smart grid, emergency rescue, wildlife protection, etc., are all welcome.

- Design and development of UAS-borne radar/optical sensor;
- Signal/image processing;
- Integration of high-performance sensors and UAV systems;
- Information interpretation based on deep learning;
- Intelligent environment perception and autonomous obstacle avoidance for UAS;
- Applications of radar/optical sensors and UAS in various fields.

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Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

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