Special Issue

Technologies and Applications for Drone Audition

Message from the Guest Editors

We are pleased to invite you to submit the Special Issue "Technologies and Applications for Drone Audition". Besides camera-based measurement and sensing methods, acoustic scene analysis technologies have attracted the attention, which is known as "Drone Audition". Applications of Drone Audition include audio-visual integration and invisible target estimation under poor lighting conditions or occlusions that are effective for search and rescue missions in disaster-stricken areas. As this research field is rapidly growing, we propose the Special Issue entitled "Technologies and Applications for Drone Audition" to gain the recognition and development of drone audition in the world. The Special Issue aims to collect the latest research on drone audition technologies and their applications, and research on related technologies for drone audition, such as noise reduction, laser measurement, global navigation satellite system (GNSS), simultaneous localization and mapping (SLAM), flight planning, and so on. In this Special Issue, original research articles and reviews are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Drones is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

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