

Special Issue

Wearable Technologies for Driving Drones: Innovations and Applications

Message from the Guest Editors

The fusion of wearable technology with drone control systems marks a revolutionary advancement in our engagement with uncrewed aerial vehicles (UAVs). This synergy between state-of-the-art wearables and advanced drone technologies promises unparalleled control, accuracy, and immersive interaction. The aim of this Special Issue is to collect papers (original research articles and review papers) that provide deep insights into the integration of wearable technologies with drone control systems. This Issue aims to showcase pioneering research, technological innovations, and real-world applications in this interdisciplinary field. By exploring the latest advancements in wearable interfaces, human–drone interaction, bio-sensing, and feedback mechanisms, this Special Issue seeks to highlight the transformative potential of these technologies across a wide range of domains. Through these contributions, the Issue will enhance understanding of the challenges, opportunities, and future directions in wearable-driven drone control, directly aligning with the journal's focus on technological innovation, human–computer interaction, and robotics.

Guest Editors

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Diego González-Aguilera

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