

Special Issue

Drones for Mapping and Monitoring Wetland Ecosystems

Message from the Guest Editor

Drones have become a cost-efficient tool to quickly map any targeted area for many emerging applications in the arena of Wetlands Mapping and Monitoring. Managers, practitioners, companies and scientists are using professional drones equipped with high resolution visible, multispectral, hyperspectral or thermal cameras as well as LiDaR sensors in order to assess the conservation status of wetlands, the effect of disturbances such as water pollution, harmful blooms, alien species, extreme droughts, or the dynamics and changes of organisms living in them. We are now in a tipping point on the usage of drones for these applications over natural, human made and restored wetlands, moving from contingent missions towards systematic revisiting missions, which are certainly aiding in the periodic retrieval of important water physico-chemical characteristics or mapping species distribution. This Special Issue aims at collecting drone applications contributing to enhance wetlands monitoring and mapping in order to gain a better understanding of wetlands conservation status, threats, changes and trends.

Guest Editor

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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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