

Special Issue

Urban Air Mobility Solutions: UAVs for Smarter Cities

Message from the Guest Editors

Urban Air Mobility (UAM) is a dynamic field that has grown in interest due to advances in aircraft technologies and automation. This Special Issue will examine the many ways that autonomous aerial vehicles (AAV) can contribute to smarter cities, as well as explore potential solutions to the operational, technical, planning, and safety challenges. UAM may fulfill many functions in the smart city of the future by providing an alternative mode of transportation to congested roadways, enabled by next-generation VTOL technologies powered by clean renewable energy sources, reducing local emissions and noise. These VTOL technologies offer the potential to improve the mobility of people and cargo and may be especially useful for last-mile delivery, emergency response, and critical medical transport. Given the numerous applications and benefits, AAVs will play an important role in the smart cities of the future, redefining current business models, creating new business opportunities, and improving the lives of the public.

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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