



Advances in Autonomous Underwater Drones

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Message from the Guest Editors

Dear Colleagues,

The demand for the autonomous underwater drone market is rising at a considerable rate, and the market value is predicted to reach over USD 2.5 billion by 2028. Underwater drones are not only advanced robots that operate in the ocean, but they are also a new type of vehicle to be used in ocean research. The characteristics of water and air are significantly different. Therefore, the resistance and other characteristics affecting underwater drones have significant differences. The traditional underwater drones have a torpedo-like shape due to their low resistance and suitability for long-distance trajectories.

The purpose of this Special Issue is to publish cutting-edge advances in technologies and applications related to works in the design of drones, driving mechanisms, control algorithms, and navigation algorithms, as well as energy, materials, and other fields, which are in line with the scope of journal submissions. This Special Issue has great appeal and can promote the development of underwater drone technology research.

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drones



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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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