

Special Issue

Advances in Autonomous Underwater Drones

Message from the Guest Editors

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. Therefore, in-depth research on new types of underwater drones has important engineering value and theoretical significance. The new concept of underwater drones has many scientific issues, e.g., cross-medium mechanisms, new propulsion mechanisms, and new materials that are worthy of in-depth research by scholars. 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.

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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