



Unmanned Underwater Vehicles: Advances and Applications

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Message from the Guest Editors

Recent advances in miniaturized sensors, energy-efficient actuators, and low-cost embedded computer systems are impacting on the development of autonomous, remotely operated, and hybrid marine vehicles, making them ubiquitous in many scientific and commercial applications—which include marine habitat mapping, geotechnical surveying, inspection of critical infrastructures in the offshore energy and aquaculture industries, archaeological surveying—or supportive of diverse human operations. The current technology is also enabling the operation of multiple marine vehicles working in cooperation by exploiting the availability of increasingly sophisticated technologies for underwater communication networks. This Special Issue is focused on collecting papers on the latest experiments, applications, advances, and challenges in Unmanned Underwater Vehicles (ROV, AUV, etc.).





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Message from the Editor-in-Chief

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