



Design and Implementation of Underwater Vehicles

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In recent decades, underwater vehicles have drawn increasing attention from engineers and researchers in the field of ocean research, mainly due to the importance in their wide applications, such as safety search and rescue, oil pipeline inspection, ship physical examination and repair, scientific research and teaching, underwater entertainment, energy industry, underwater archaeology, underwater sunken ship investigation, deep-water cage fishery, and artificial reef surveys. In addition, to develop the most advanced underwater vehicles, researchers need comprehensive consideration of a variety of aspects regarding vehicles, such as the general design, navigation and control, power and thrust system, obstacle avoidance, planning and decision, as well as all kinds of acoustic and optical sensors.

This Special Issue aims to introduce the state of art in the field of underwater vehicles. The issue welcomes all kinds of underwater vehicles, such as ROV, AUV, UG, UAUV, and all the research and review topics associated with underwater vehicles, such as novel design, navigation and control, planning, and decisions.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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