Special Issue

Navigation Control and Signal Processing Methods for Multiple Autonomous Unmanned Systems

Message from the Guest Editors

The underwater unmanned system refers to underwater unmanned control systems with certain autonomous capacity and autonomy, which is a combination of artificial intelligence and real-time control decision systems. This special issue aims to provide advanced control, navigation, and signal processing methods for multiple autonomous unmanned systems. Potential topics to be covered: New investigation methods and sensors for path planning;
Compensation and calibration algorithms for navigation sensors;
Advanced sensors and information fusion for underwater navigation;
Underwater image enhancement and 3D image reconstruction;
Mobile robot navigation and control based on intelligent learning/bionics
Cooperative control and navigation in multi-unmanned systems;
Quantum devise and intelligent measurement
Bionic navigation sensors;
New-concept navigation;
Underwater data link communication technology;

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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