



Navigation and Localization for Autonomous Marine Vehicles

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Message from the Guest Editor

Dear Colleagues,

Marine robotics aims to design and develop systems, as well as to provide support to their operation, for scientific research and commercial applications. Recent advances in miniaturized sensors, energy-efficient actuators, and low-cost embedded computer systems are impacting the development of autonomous, remotely operated, and hybrid marine vehicles. 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. At the core of this trend, navigation and localization of autonomous marine vehicles are key for the suitable and reliable development of missions at sea. Therefore, this Special Issue is focused on collecting the latest experiments, applications, advances, and challenges related to navigation and localization of autonomous, surface and underwater, marine vehicles.

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Guest Editor





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Message from the Editor-in-Chief

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