

Special Issue

Unmanned Underwater Vehicle – Hydrodynamics and Navigation System

Message from the Guest Editor

This Special Issue is aimed at encouraging innovation in research and development of unmanned underwater vehicle (UUV), e.g., AUV and ROV. Since marine research and exploration have promoted a necessity of UUV industries in the recent decades, UUVs provide a new kind of marine research platform that has been well known as an asset in many fields of oceanographic or naval research. Meanwhile, estimates of hydrodynamics and designs of control systems need to be developed towards improving the navigation performances of a UUV. Therefore, this Special Issue shall include research on the following topics: (a) development of prototypes, and experiments conducted in the wave flume or sea trials; (b) navigation systems; (c) control systems; (d) dynamic positioning; (e) underwater inspection; (f) hydrodynamic analysis; and (g) maneuvering performance.

Guest Editor

Prof. Dr. Yu-Hsien Lin

Dept. Systems and Naval Mechatronic Engineering, National Cheng Kung University, No.1, University Rd., Tainan City 70101, Taiwan

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

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