



Unmanned Underwater Vehicle – Hydrodynamics and Navigation System

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Deadline for manuscript
submissions:

closed (15 February 2021)

Message from the Guest Editor

Dear Colleagues,

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.

Prof. Yu-Hsien Lin

Guest Editor





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Message from the Editor-in-Chief

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