

## Special Issue

# Sensors, Modeling and Control for Intelligent Marine Robots

### Message from the Guest Editors

In recent decades, marine robotics has proven to be the key enabling technology in the execution of increasingly complex and high-risk maritime tasks. One clear manifestation of this is the ascendancy of autonomous surface vehicles (ASV), unmanned underwater vehicles (UUV), or autonomous underwater vehicles (AUV). Intelligent marine robotics as an emerging field has attracted much attention by scientists to explore and exploit the oceans using advanced tools. The aim of this Special Issue is to provide recent findings in the field of marine robots. In particular, the Special Issue is mainly focused on sensors, mathematical modeling, optimization and control of intelligent underwater robots, and maritime big data mining and deep learning technology. Case studies: Autonomous Surface Vehicles (ASV), Unmanned Underwater Vehicle (UUV), Autonomous Underwater Vehicle (AUV).

### Guest Editors

Prof. Dr. Ning Wang

Prof. Dr. Hamid Reza Karimi

Prof. Dr. Hongde Qin

Dr. Yu Jiang

### Deadline for manuscript submissions

closed (25 May 2024)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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