

Special Issue

Innovative Strategies for Offshore Sustainable Renewable Energy Systems: Integrating Robotics, Control, and Automation

Message from the Guest Editors

In recent years, there has been an important international movement towards reducing dependence on fossil fuels, with greater emphasis placed on the promotion of sustainable renewable technologies for electricity generation in order to reduce greenhouse gas emissions. Offshore sustainable renewable energy systems (OSRES) comprise a complicated variety of advanced equipment, structures, and workforce. The identification of potential applications and research directions of robotics, control, and automation and the exploration of the obstacles and challenges of the integration of robotics, control, and automation in offshore sustainable renewable energy systems will prove highly valuable to the industrial community, research institutes, universities, and governments, with the objective to improve the knowledge needed by this sector. However, there is still a lot of room for improvement for the correct and efficient exploitation of these types of installations. This Special Issue aims to showcase the latest research achievements, findings, and ideas in the integration of robotics, control, and automation in offshore sustainable renewable energy systems.

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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