



Advanced Condition Monitoring and Intelligent Operation & Maintenance Technologies in Ships and Offshore Facilities

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Message from the Guest Editors

Dear Colleagues,

In recent years, Intelligent Operations Management on ships and offshore facilities has witnessed rapid developments and innovations, which are of great significance for the Intelligent condition monitoring of ship machinery equipment, the remote monitoring and control of large offshore platforms, and optimization and hazard warning for ship navigation routes. For example, intelligent operations management technologies are employed in condition monitoring, fault diagnosis, life expectancy prediction, exhaust emission control, the remote control of offshore platforms, automatic navigation and collision avoidance, and maritime communication and positioning, etc.

This Special Issue aims to highlight the latest advances in marine intelligent operations management technology, including, but not limited to, original research and reviews on the sensing mechanisms, structural design, system modeling and simulation, advanced manufacturing technologies, detection circuits, signal processing, sensor reliability, sensor interfaces, as well as original algorithmic research related to the intelligent management of operations. We look forward to receiving your papers.





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Message from the Editor-in-Chief

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