



Application of Surveying and Navigation Systems to Increase the Safety and Robustness of Maritime Operations

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is concerned with the application of measurement (surveying) and navigation systems in order to increase the safety and reliability of maritime operations. It is particularly related to the application of GNSS systems, underwater positioning systems, measurements in the offshore industry, maritime traffic engineering issues and risk analysis.

Measurement applications in the offshore industry include methods of dimensioning, especially laser scanning, total station measurements and ship metrology.

Topics are not limited to the measurement issues themselves; models based on measurements in maritime applications are also welcome.

The overarching aim of this Special Issue is to systematically increase the safety of maritime operations with the help of the presented models and systems.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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