



Energy Saving Devices for Ships

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Deadline for manuscript
submissions:

closed (30 August 2023)

Message from the Guest Editors

Dear Colleagues,

Energy-saving devices for ships have become a subject of intensive research and development in recent times, aiming at reducing fuel consumption and emissions and contributing to Blue Growth. A particular class deals with devices controlling the hydrodynamic flow properties, leading to drag reduction, improving the hull-propeller interaction and the propeller performance. Another important category is based on the exploitation of renewable energy, such as wind, wave and solar to improve the overall ship performance. Many of the developed systems are considered particularly suitable for retrofitting seagoing vessels.

The Special Issue will welcome submissions about :

Energy-saving devices improving ship hydrodynamic performance;

Renewable energy powered marine vehicles;

Biomimetic systems and flapping thrusters;

Systems augmenting ship propulsion in waves;

Wind-assisted ship propulsion;

Experimental and computational ship hydrodynamics.

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Message from the Editor-in-Chief

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