



Sustainability in Maritime Transport: Advances, Solutions and Pending Tasks

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Message from the Guest Editor

Maritime transport is responsible for about 13% of global GHG emissions in 2015, with a clear increasing trend if no control actions are implemented. The European Commission has defined 3 steps toward reducing GHG emissions from the shipping industry:

Monitoring, reporting, and verification of CO₂ emissions
from large ships that use EU ports

Greenhouse gas reduction targets

Further measures

The aim of this Special Issue is to demonstrate new technical solutions to this global problem as a useful tool for international organizations in the near future, toward developing support processes and establishing standardization. Finally, among the topics to be explored this issue:

Slow steaming (Marine Engineering),
Weather routing (Navigation Science),
Ship designs (Naval Architecture)
Ports design (Civil Engineering)

Keywords

- sustainability
- ship
- maritime
- GHG
- energy
- navigation
- ports
- ship design





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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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