

Special Issue

Renewable Energy Integration for Decarbonization in Green Ports and Shipping

Message from the Guest Editor

This Special Issue focuses on the integration of renewable energy in ports and shipping, exploring innovative solutions that enhance sustainability. For example, renewable energy sources such as solar, wind, and hydrogen can transform ports into Renewable Energy Communities (RECs), enabling the sharing of energy between local energy producers and consumers. Hybrid systems, combining multiple renewable sources and energy storage systems, can also support energy self-sufficiency and enhance the efficiency of both ships and ports. This Special Issue aims to collect contributions that showcase strategies, technologies, and case studies for renewable energy integration to support decarbonization efforts across the maritime sector.

Guest Editor

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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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