



Sustainable Shipping in Changing Climates

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

The globalised nature of modern economies links economic development to shipping. In the past half a century, the quantity of material traded and increased several-fold with a comparable increase in the emissions associated international shipping. Despite being the most carbon efficient form of long-distance freight transit, sectoral emissions are on a scale with national emissions. However, within recent decades, progress has been made, demonstrated by regulation of sulphur fuel content, adoption of energy efficiency indices for design and operation and development of sectoral decarbonisation roadmaps. As the global economy prepares for COP26 and reviews progress against Paris Climate, this is an opportune time to take stock of the challenges and opportunities available to transition the sector along a low carbon future.

This Special Issue will help to reinforce the systemic nature of the sector through highlighting the need for integration of demand and supply based measures as well as managing trade-offs between progress in different aspects, particularly where they relate to climate and wider environmental performance.





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