



Ship Routing

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Message from the Guest Editors

Dear Colleagues,

Ship routing has recently gained rapidly growing attention, in both academia and industry, as an effective way to improve ship efficiency while keeping the schedule and ensuring safety and comfort onboard. Moreover, environmental aspects and limitations must also be taken into account.

This is a complex multi-disciplinary subject, requiring the integration of different fields of knowledge, e.g., engineering, logistics, computer science, business and management, etc.

This Special Issue aims at gathering the most promising research in this area:

Weather routing
Voyage planning
Ship scheduling
Virtual arrival
Shipmaster decision process
Optimisation methods
Assessment of ship performance in seaways
Influence of environmental factors on ship routes
Uncertainties and ensemble forecast
Decision Support Systems
Case studies
Effect on improving efficiency and safety
Validations

Special Issue



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Message from the Editor-in-Chief

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