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Sustainable Logistics Services of Food Provisions on Merchant Ships

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In the context of the maritime industry, sustainable logistics for ship provisioning represents an underexplored yet critical area for innovation and development. Existing literature predominantly focuses on general logistics practices, supply chain efficiency, and sustainability in terrestrial environments. However, there is a noticeable gap in research addressing the unique challenges of maritime provisioning logistics, particularly in terms of food security, crew well-being, and long-term sustainability in isolated environments. This monograph fills that gap by offering a comprehensive analysis of current practices, identifying challenges, and proposing innovative solutions tailored to the maritime context. By employing frameworks such as the Sustainable Balanced Scorecard (SBSC) and advanced statistical methodologies, the book provides practical solutions for improving provisioning efficiency while reducing the ecological footprint and enhancing crew well-being. The novelty of this work lies in its specific approach to sustainability in maritime food provisioning, combining empirical research, regulatory analysis, and strategic development. It not only addresses the technical aspects of logistics but also delves into the social and environmental dimensions that are increasingly prioritised by the maritime industry.



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