Chapter 10
Reconfiguring Innovative and Sustainable E-Learning Accessibility Through Mobile Technologies: A Post-COVID-19 University Experience in Namibia

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ABSTRACT

The purpose of this chapter is to review various theoretical and conceptual frameworks, which the study adopted to obtain a better understanding of reconfiguring innovative and sustainable e-learning accessibility through mobile technologies for a post-COVID-19 university experience in Namibia. Against the background of eco-logistics and sustainable supply chain innovations, the chapter also discusses the principles of sustainable logistics and entrepreneurship, sustainability innovation and green supply chains, green internal and external supply chain management practices, technological innovations for eco-logistics optimization, as well as green packaging solutions and materials management.

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INTRODUCTION

This section will describe the general perspective of the chapter and end by specifically stating the objectives.

Eco-Logistics and Sustainable Supply Chain Innovations

Eco-Logistics and Sustainable Supply Chain Innovations explores the intersection of environmental sustainability with logistics and supply chain management. Like the book, this chapter delves into the critical impact of sustainable innovations, technologies, and advancements on eco-logistics and green supply chain operations, offering insights for businesses aiming to minimize their environmental footprint while maximizing efficiency (Ozmutlu & Arun, 2023). Implementing eco-friendly logistics and green supply chain management practices to achieve sustainable results is key to contemporary businesses, which aligns with SDGs 9 and 12. Green supply chain management (GSCM) was the subject of the study reported on by Tianqi, Pertheban and Gao (2023, p. 2), i.e., "the administration of green supply chain management", "which refers to a strategy aimed at preventing environmental catastrophes".

GSCM should be driving "environmental sustainability and supply chain competitiveness through green logistics management" to improve economic and environmental performance and avert environmental catastrophes. According to Tianqi, et al. (2023), GSCM entails the integration of environmentally sustainable practices throughout the supply chain, including energy conservation, pollution management, and resource conservation. In addition, the implementation of GSCM is hindered by a labor shortage and the requirement for expertise in reverse logistics (Wang & Ozturk, 2023). However, green supply chain management, specifically green procurement and customer cooperation, has a substantial and positive impact on ecological performance (Kawa & Pierański, 2021). Logistics companies should prioritize implementing green logistics practices, including dynamic vehicle routing and the environmental cost of transportation assessment, to mitigate the supply chain's carbon intensity. Implementing sustainable supply chain innovations and eco-logistics practices is crucial for businesses to mitigate climate change and attain ecological sustainability.