


Chapter 9

Navigating the Green Horizon: A Framework for Sustainable Management in Chaos and Complexity

Surjit Singha

 <https://orcid.org/0000-0002-5730-8677>
Kristu Jayanti College (Autonomous), India

ABSTRACT

This chapter examines incorporating sustainability principles into management in the face of disorder and complexity. This conceptual framework underscores the interdependence of complexity, sustainability, and disorder by incorporating principles from complexity science, systems theory, and sustainability management. Organisations deliberate on adaptive leadership, technological advancements, and green practices to effectively manage unpredictability and stimulate favourable environmental and social outcomes. Propagating innovation, surmounting opposition, and capitalising on technological advancements are pivotal obstacles and prospects in implementing sustainable management practices. By implementing this interdisciplinary strategy, organisations can advance long-term sustainability while thriving in a volatile environment.

INTRODUCTION

Implementing sustainable management practices has become increasingly urgent within the turbulent realm of contemporary business, characterized by pervasive uncertainty and unpredictable shifts. The disorder and intricacy characterizing the present-day environment render conventional business management approaches,

DOI: 10.4018/979-8-3693-2125-6.ch009

founded on linear frameworks and foreseeable results, inadequate. In light of the diverse interrelated challenges that organizations confront, including resource depletion, climate change, societal unrest, and technological disruption, it is not only a moral imperative but also a strategic necessity for them to chart a course toward sustainability. This introductory section functions as a compass, directing our attention from the perilous depths of disorder and intricacy to the environmentally conscious realm of sustainable management. The statement recognizes the formidable obstacles that leaders must confront in this constantly changing landscape and emphasizes the criticality of incorporating sustainability principles into the framework of organizational strategies. In a dynamic and evolving environment, it is critical for organizations not only to adjust but also to prosper by converting obstacles into advantageous circumstances and ambiguities into advantageous capabilities.

The central inquiry of this chapter is how organizations can effectively manoeuvre through the complex landscape of disorder and intricacy while simultaneously striving for sustainability. To address this inquiry, this chapter proposes a conceptual structure that explains the complex relationship among the following aspects—sustainability, complexity, and chaos—and provides pragmatic advice for leaders endeavouring to establish robust, environmentally aware institutions. Organizations that adopt the tenets of sustainability can not only endure transition periods but also emerge more robust, adaptable, and sensitive to the environment's and its occupants' requirements. This chapter aims to provide leaders with the knowledge and understanding required to navigate the green horizons of sustainable management through a synthesis of theory and practice. By integrating the most recent findings from the domains of complexity science, sustainability management, and chaos theory, we present a strategic plan for optimizing the utilization of uncertainty and converting challenges into favourable circumstances. Organizations have the potential to cultivate a future characterized by prosperity, equity, resilience, and regeneration by embracing complexity, harnessing disorder, and advocating for sustainability.

As we commence this collective endeavour, we honour the imperative for action and confront the predicament of our era. Permit us to envision a future wherein the business sector flourishes in perfect alignment with the environment, wherein sustainability becomes a governing principle rather than merely a trendy term, and where resilience is not merely an objective but an inherent way of being. Collectively, we can traverse the green horizon and devise a trajectory that ensures future generations enjoy prosperity and environmental sustainability. Business management has undergone significant global transformations in recent decades, propelled by technological progress, globalization, and changing societal norms and demands. Concurrent with these transformations, an increasing acknowledgement has emerged regarding the critical nature of sustainable management approaches—ones

12 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: www.igi-global.com/chapter/navigating-the-green-horizon/349351

Related Content

The Effect of Business Characteristics on the Methods of Knowledge Protections

Xu Binand Tan Kay Chuan (2011). *International Journal of Social Ecology and Sustainable Development* (pp. 34-60).

www.irma-international.org/article/effect-business-characteristics-methods-knowledge/58343

Fusion between Dry Knowledge and Wet Brain

Shigeki Sugiyama (2013). *Strategic Role of Tertiary Education and Technologies for Sustainable Competitive Advantage* (pp. 128-139).

www.irma-international.org/chapter/fusion-between-dry-knowledge-wet/78437

Developing the US Biomass Residential Heating Market: Insights From Research

Adee Athiyaman (2018). *International Journal of Social Ecology and Sustainable Development* (pp. 18-44).

www.irma-international.org/article/developing-the-us-biomass-residential-heating-market/211227

Sustainability Appraisalment of Industrial Robots by GRA for Real Automation Environment

Atul Kumar Sahu, Harendra Kumar Narang, Mridul Singh Rajputand Nitin Kumar Sahu (2019). *International Journal of Social Ecology and Sustainable Development* (pp. 53-68).

www.irma-international.org/article/sustainability-appraisalment-of-industrial-robots-by-gra-for-real-automation-environment/234488

A Critique of Conceptual Frameworks in Gender and Natural Resource Governance

Jeffrey Kurebwa (2022). *International Journal of Social Ecology and Sustainable Development* (pp. 1-13).

www.irma-international.org/article/a-critique-of-conceptual-frameworks-in-gender-and-natural-resource-governance/298329