ISSN 2222-2944. Інформаційні технології: наука, техніка, технологія, освіта, здоров'я. 2023

INTEGRATING RESOURCE MANAGEMENT AND SUSTAINABILITY FOR LONG-TERM ORGANIZATIONAL RESILIENCE Wang Zhi

National Technical University «Kharkiv Polytechnic Institute», Kharkiv

The essential question for the real world is how to manage resources without harm in the future. Only the absence of damage in the future allows us to assume the sustainable development of an organization. Due to the importance of mentioned issues, a huge amount of scientific research has been formed in the field of supporting development stability, which, however, needs to be expanded. Different researchers made emphasizes the importance of proper resource management to meet the ends of society, describe a methodology for supporting resource management across industries to enhance sustainability, highlight the benefits of enterprise resource planning systems in achieving organizational goals and objectives, present a roadmap to sustainability implementation into organizational management. The semantic analysis performed has shown that most of the papers suggest that effective resource management is essential for sustainable development in organizations.

From the context of existing research, we should agree that resource management is a critical factor but it cannot be considered in isolation. Accordingly, the author hypothesizes that integrating resource management and sustainability practices in organizational strategy leads to long-term organizational resilience and improved financial performance. This hypothesis suggests that organizations that prioritize sustainable resource management practices and integrate them into their overall strategy will not only achieve long-term resilience but also improved financial performance due to cost savings, risk reduction, and improved reputation. For supporting the given hypothesis it is necessary to demonstrate the positive impact of integrating resource management and sustainability in organizational strategy.

One way of achieving such a positive impact is that through sustainable resource management practices implementation such as reducing waste, energy consumption, and water usage, organizations can save money on utility bills, raw materials, and waste disposal costs. This can result in significant cost savings over time, which can be invested in other areas of the organization, further contributing to long-term resilience. Another way in which integrating resource management and sustainability can improve organizational resilience is by reducing risks. By implementing sustainable practices, organizations can mitigate potential risks associated with environmental impact, regulatory compliance, and stakeholder relations. For example, an organization that implements sustainable practices is less likely to face environmental fines or public backlash due to its impact on the environment. Integrating resource management and sustainability can also have a positive impact on organizational reputation. By demonstrating a commitment to sustainability, organizations can improve their image and brand, which can lead to increased customer loyalty and stakeholder engagement.

Thus, integrating resource management and sustainability in organizational strategy can have a significant positive impact on long-term organizational resilience. Unfortunately this requires to overcome some challenges and barriers.