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# Proactive Management: Strategic Frameworks for Success and Sustainability in an Era of Change

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## Abstract

Proactive management has gained increasing attention in both academic and organizational contexts due to its strategic role in enhancing adaptability and competitiveness in volatile and uncertain environments. This study aims to synthesize a conceptual framework of proactive management through documentary analysis guided by Snyder's (2019) model. A total of 134 scholarly articles published between 2020 and 2025, inclusive, were initially identified from reputable academic databases, including Scopus, ScienceDirect, SCImago Journal Rank (SJR), and Google Scholar. Following systematic selection criteria, 41 articles were selected for in-depth synthesis. The analysis focused on five key dimensions: core concepts, foundational elements, strategic outcomes, the role of proactive leadership, and practical applications. The findings reveal that proactive management comprises five interconnected components: anticipation, strategic planning, proactive problem-solving, team development, and data-driven decision-making. Collectively, these elements contribute to improved risk mitigation, enhanced organizational efficiency, increased team confidence, greater resilience, and sustained competitiveness. The resulting integrated framework offers both theoretical insights and practical implications, serving as a foundation for strategic design, leadership development, and policy formulation in rapidly evolving environments.

## Introduction

In an era characterized by rapid transformation, organizations are increasingly challenged by external forces such as economic volatility, technological disruption, and evolving societal expectations. These conditions have a direct impact on organizational stability, competitiveness, and long term viability. Consequently, the ability to anticipate and respond strategically to change has become a fundamental organizational competency. Within this context, the concept of proactive management has gained growing academic and managerial relevance. It enables organizations not only to mitigate risks but also to capture new opportunities

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through strategic foresight, structured planning, and continuous innovation (Ahmed et al., 2021; Zainab et al., 2021).

Despite a growing body of literature on proactive management, several important gaps remain. First, existing studies often examine proactive behavior in isolated or sector specific contexts, lacking a consolidated conceptual framework that integrates its strategic dimensions. Second, both the theoretical and empirical understanding of proactive leadership, particularly its role in promoting adaptability and organizational transformation, remain limited. Third, there is insufficient exploration of how proactive strategies are applied across different types of organizations. These limitations diminish the practical utility of existing scholarship in guiding organizations that operate under complex and unpredictable conditions (Gitelman et al., 2023; Hashim Hussein, 2022).

This study seeks to address these gaps by synthesizing a comprehensive conceptual framework for proactive management through an analytical literature review. Based on a systematic analysis of forty-one high quality academic sources published between 2020 and 2025, the framework identifies five essential dimensions: core concepts, key components, strategic outcomes, proactive leadership, and practical implications. The study contributes both in theory and in practice by offering insights that support leadership development, evidence based decision making, and strategic resilience. This framework is intended to guide organizations seeking to enhance their capacity for anticipation, responsiveness, and sustainable value creation in an increasingly volatile and complex environment (Sileo, 2023; Daher, 2023).

## Conceptual Framework

This study adopts a conceptual framework comprising five core dimensions of proactive management. The first dimension, core concept, addresses the foundational principles and organizational relevance of proactive management (Crant, 2000). The second dimension, key components, highlights the essential elements that underpin the effectiveness of proactive management practices (Parker et al., 2010; Hong et al., 2016). The third dimension, key outcomes, emphasizes the benefits and long-term sustainability associated with successful implementation (Parker, 2000). The fourth dimension, proactive leadership, represents the driving force that steers organizations toward strategic success (Wu & Wang, 2011). Finally, the fifth dimension, practical implications, provides insights into how proactive management can be effectively applied in real organizational settings (Gitelman et al., 2023; Klomim & Kuayngern, 2023).

## Research Methodology

This study employed a document-based research approach, utilizing an analytical literature review method as proposed by Snyder (2019). The process involved the systematic collection, analysis, and synthesis of scholarly literature to develop an in-depth understanding of the concept of proactive management. Relevant articles were retrieved from high-quality academic databases, including SCOPUS, ScienceDirect, ISI, SJR, ERIC, Google Scholar, and Taylor & Francis, covering the publication period from 2020 to 2025. A total of 134 articles were initially identified.

The literature search was guided by a set of targeted keywords: proactive management, anticipation and planning, sustainable success, proactive leadership, change management, and reactive management. The retrieved articles were screened, selected, and categorized according to the five dimensions of the conceptual framework: (1) core concepts; (2) key components; (3) key outcomes; (4) proactive leadership; and (5) practical implications.

Following a rigorous process of screening, selection, and quality assessment, 41 articles were deemed appropriate for in-depth analysis. These comprised 6 articles related to core concepts, 6 articles addressing key components, 7 articles focusing on key outcomes, 8 articles concerning

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proactive leadership, and 14 articles discussing practical implications. The selected literature served as the empirical foundation for a structured synthesis aligned with the conceptual framework, thereby ensuring high-quality and credible research findings.

**Findings from the Literature Analysis and Synthesis**

*1. Core Concept of Proactive Management*

A review of existing literature reveals four interrelated dimensions that constitute the core concept of proactive management, as summarized in Table 1.

***Table 1***

*Core Concept of Proactive Management*

| No. | Key Dimension | Description | Example | Reference |
|---|---|---|---|---|
| 1 | Focus on the Future | Emphasizes forecasting, strategic planning, and effective responsiveness to change | A firm develops a new product roadmap in advance, based on consumer trend analysis and emerging regulations | Ahmed et al. (2021); Zainab et al. (2021) |
| 2 | Proactive vs. Reactive Management | Proactive management prevents problems and creates new opportunities through data-driven analysis; by contrast, reactive management responds only after problems occur | The customer service unit uses predictive analytics to prevent subscription cancellations | Sileo (2023) |
| 3 | Goals of Proactive Management | Focuses on improving organizational efficiency, minimizing risks, optimizing resource utilization, and enhancing team confidence | A factory implements predictive maintenance systems to reduce downtime and emergency repair costs | Alkathiri & Mihlar (2021); Afifa & Santoso (2022) |
| 4 | Opportunities for Leadership and Teams | Encourages leaders and teams to work with vision, anticipate future scenarios, and foster innovation and knowledge development | A leader supports experimental initiatives, resulting in a breakthrough product innovation | Zuberi & Khattak (2021) |

The findings indicate that the core concept of proactive management comprises four essential and interconnected aspects. The first is a focus on the future, which entails anticipating developments, engaging in strategic planning, and responding effectively to external changes. Organizations that prioritize this dimension often leverage data and trend analysis to gain competitive advantages. The second dimension involves a comparison between proactive and reactive management. Proactive management emphasizes foresight and opportunity creation through data-driven analysis, whereas reactive management focuses solely on responding to issues after they occur. This distinction underscores the strategic value of a forward-looking approach in contemporary organizational leadership. The third dimension, goals of proactive management, centers on enhancing organizational performance by reducing operational risks, optimizing resource utilization, and fostering team confidence. These goals align with long-term strategic objectives and organizational resilience. The fourth and final dimension, opportunities for leadership and teams, promotes the development of visionary leadership and team capabilities. This includes anticipating challenges, fostering innovation, and cultivating continuous learning. Such practices enhance organizational adaptability and support sustainable success. Collectively, these four dimensions reinforce the strategic relevance of proactive management in navigating today's dynamic and complex business environments.


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*2. Key Components of Proactive Management*

An analytical review of the literature identifies five essential components that underpin the effective implementation of proactive management, as summarized in Table 2.

***Table 2***
*Key Components of Proactive Management*

| No. | Key Dimension | Description | Example | Reference |
|---|---|---|---|---|
| 1 | Anticipation | Involves analyzing current data and trends to identify risks and opportunities, thereby enabling organizations to prepare for unexpected changes | Analyzing economic, social, and technological data to forecast potential impacts on operations | Gitelman et al. (2023) |
| 2 | Strategic Planning | Refers to establishing long-term goals and clearly defined strategies to enable effective adaptation to future organizational environments | Formulating strategic objectives and implementation guidelines to navigate external uncertainties | Kvasha (2022) |
| 3 | Proactive Problem-Solving | Focuses on identifying early warning signs of potential problems and addressing them proactively to minimize impact and seize opportunities | Developing preventive measures to mitigate emerging issues before escalation | Kostarev et al. (2023) |
| 4 | Development-Focused Approach | Emphasizes strengthening employee competencies and organizational capabilities to effectively manage future challenges | Conducting training programs to enhance team adaptability | Linkova (2021) |
| 5 | Data-Driven Decision-Making | Involves leveraging accurate and comprehensive data to inform decision-making, including the integration of AI and advanced analytics | Utilizing AI tools to forecast business trends and improve strategic decision accuracy | Faisal & Mahmoud (2023); Zhu et al. (2023) |

The findings reveal that these five components collectively support organizational success and long-term sustainability in dynamic environments. The first component, anticipation, refers to the capacity to analyze current data and trends in order to detect potential risks and opportunities. This foresight enables organizations to prepare proactively for unforeseen developments. The second component, strategic planning, involves articulating long-term goals and operational strategies that facilitate adaptive responses to both internal and external changes. The third component, proactive problem-solving, emphasizes early detection and timely intervention before issues escalate. This approach not only minimizes disruptions but also enhances the ability to capitalize on emerging opportunities. The fourth component, development-focused capability, underscores the importance of continuous investment in human capital and organizational structures. By improving workforce competencies and aligning internal systems, firms can build resilience against future disruptions. Finally, data-driven decision-making ensures that organizational decisions are grounded in reliable, real-time information. This includes the use of emerging technologies such as artificial intelligence and advanced analytics to improve forecasting precision and strategic responsiveness. Collectively, these components provide a cohesive and practical foundation for organizations seeking to achieve strategic advantage and sustainable performance in constantly evolving environments.

*3. Key Outcomes of Proactive Management*

An analytical review of the literature identifies five primary outcomes associated with proactive management, as presented in Table 3.

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***Table 3***
*Key Outcomes of Proactive Management*

| No. | Key Dimension | Description | Example | Reference |
|---|---|---|---|---|
| 1 | Risk Mitigation | Enables organizations to reduce the impact of unforeseen events through proactive preparedness | Developing contingency plans, such as a Business Continuity Plan | Asaul et al. (2021) |
| 2 | Increased Efficiency | Enhances resource utilization and minimizes operational waste | Implementing resource management software to improve production accuracy | Meng (2020); Fatima & Tufail (2021) |
| 3 | Team and Organizational Confidence | Fosters trust and confidence within teams and across the organization through proactive alignment and readiness | Communicating leadership's vision effectively through regular team briefings | Bushuyev & Pilyugina (2023) |
| 4 | Organizational Resilience | Strengthens the ability to adapt effectively to changes in the business environment | Restructuring the organization to better respond to market shifts | Meng (2020) |
| 5 | Sustainability and Competitive Advantage | Builds long-term strategic advantage by proactively responding to evolving market and customer demands | Developing innovative products aligned with emerging consumer needs | Ahmed et al. (2021) |

The findings indicate that proactive management produces five essential and interrelated outcomes. The first outcome, risk mitigation, reflects an organization's ability to reduce the impact of unforeseen disruptions through advance preparation. By employing scenario planning and contingency strategies, firms can maintain continuity during periods of crisis. The second outcome, increased efficiency, involves the optimal use of organizational resources. Proactive practices help reduce waste and enhance operational precision. For example, the implementation of advanced resource management systems contributes to improved productivity. The third outcome, team and organizational confidence, illustrates how proactive planning fosters trust, morale, and cohesion across all organizational levels. Clearly communicating strategic visions and involving teams in preparedness initiatives contribute to a resilient organizational culture. The fourth outcome, organizational resilience, refers to the organization's adaptive capacity in volatile and uncertain environments. Structural flexibility and strategic agility enable firms to respond rapidly and effectively to external changes. The fifth and final outcome, sustainability and competitive advantage, highlights the long-term strategic value of proactive management. By anticipating shifts in consumer expectations and market dynamics, organizations can ensure continued relevance and outperform competitors. Together, these outcomes underscore the strategic role of proactive management in enhancing organizational performance, agility, and long-term sustainability in the face of accelerating complexity and change.

*4. Proactive Leadership*

The synthesis of relevant literature identifies four key dimensions of proactive leadership, as summarized in Table 4.

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***Table 4***
*Dimensions of Proactive Leadership*

| No. | Key Dimension | Description | Example | Reference |
|---|---|---|---|---|
| 1 | Forward-Thinking Leadership | Refers to the ability to anticipate future scenarios through the collection and analysis of strategic insights; leaders apply foresight to identify trends and opportunities, formulate strategies, and develop contingency plans | A leader designs strategies to address market disruptions, such as developing a new business model for the digital era | Grove et al. (2023) |
| 2 | Initiative and Creativity | Involves introducing novel ideas and creatively redesigning work processes to gain strategic advantages and foster an innovation-driven culture | Creating new products that address emerging customer needs by leveraging advanced technologies | Zuberi & Khattak (2021); Hidayat et al. (2023) |
| 3 | Accountability for Outcomes | Entails taking responsibility for leadership decisions and their consequences, whether positive or negative, while incorporating lessons learned into future strategic planning. | Demonstrating transparency by reporting the organizational impacts of leadership decisions during restructuring | Hashim Hussein (2022); Wood & Ventura (2021) |
| 4 | Inspiration and Team Development | Focuses on motivating team members with enthusiasm and commitment while supporting learning and skill-building to prepare for future challenges | Implementing leadership development initiatives, such as workshops on problem-solving and creative thinking | Mujtaba et al. (2020); Dba & Mallillin (2023) |

The findings suggest that proactive leadership encompasses four interrelated dimensions that collectively enhance organizational adaptability and long-term success. The first dimension, forward-thinking leadership, reflects a leader's ability to analyze complex data and anticipate future trends and opportunities. Such foresight enables the formulation of strategic responses and the design of contingency plans. For instance, leaders may transform business models to align with digital transformations. The second dimension, initiative and creativity, underscores the importance of generating innovative ideas and reengineering processes to maintain competitiveness. Proactive leaders cultivate a culture of experimentation and continuous improvement, as demonstrated by the development of customer-focused, technology-driven solutions. The third dimension, accountability for outcomes, highlights the value of responsible leadership. Effective leaders assume ownership of the consequences of their decisions and incorporate feedback into ongoing strategic planning. This level of transparency reinforces organizational trust and promotes a learning-oriented culture. The fourth dimension, inspiration and team development, centers on empowering teams through motivation and skills enhancement. Proactive leaders foster a growth mindset by encouraging participation in capacity-building programs that enhance creativity, resilience, and problem-solving abilities. Collectively, these dimensions demonstrate the pivotal role of proactive leadership in driving organizational performance, innovation, and long-term sustainability, especially within rapidly evolving and uncertain environments.

*5. Practical Implications*

The synthesis of the literature identifies four key strategies for implementing proactive management in organizational practice, as outlined in Table 5.

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***Table 5***
*Practical Implications of Proactive Management*

| No. | Key Dimension | Description | Example | Reference |
|---|---|---|---|---|
| 1 | Fostering a Proactive Culture | Promotes forward-thinking attitudes among employees and executives by emphasizing collaboration, effective communication, and executive support to enhance preparedness for unforeseen challenges | Organizing staff workshops focused on advance planning and risk management | Daher (2023); Bohashko & Bohashko (2023) |
| 2 | Leveraging Technology and Data | Involves investing in technologies such as artificial intelligence (AI) and data analytics to anticipate trends and reduce uncertainty in decision-making | Using AI to analyze market data and adjust sales strategies in real time | Ionescu & Diaconita (2023); Allam & Rodwal (2023) |
| 3 | Developing Proactive Leadership Skills | Focuses on training organizational leaders in strategic thinking, proactive problem-solving, and team motivation to enhance resilience and competitiveness | Implementing leadership development programs to build capacity for addressing strategic challenges | Mahler-Rogers (2017); Szabo et al. (2020) |
| 4 | Organizational Integration | Refers to the holistic application of proactive management strategies through the alignment of organizational culture, technological systems, and leadership development | Developing proactive transformation plans for navigating organizational crises | Gitelman et al. (2023); Shafiabady et al. (2023) |

The findings reveal four critical pathways through which proactive management can be effectively operationalized within organizational contexts. The first strategy, fostering a proactive culture, involves cultivating a mindset of foresight and preparedness among employees and leaders. This requires visible executive commitment, effective internal communication, and targeted initiatives such as training programs that emphasize anticipatory thinking and risk mitigation. The second strategy, leveraging technology and data, underscores the strategic application of modern technologies, particularly artificial intelligence and data analytics, to improve forecasting accuracy and support evidence-based decision-making. These tools enable organizations to reduce uncertainty and adapt strategies in real time. The third strategy, developing proactive leadership skills, emphasizes the need to empower leaders with competencies in strategic foresight, early problem identification, and motivational team leadership. Structured leadership development programs help build organizational resilience and improve competitive positioning. The final strategy, organizational integration, pertains to the comprehensive embedding of proactive management principles into the organizational system. This includes aligning cultural norms, technological infrastructure, and leadership practices to facilitate adaptive strategy formulation and effective execution during periods of disruption. Collectively, these strategies provide a practical foundation for enhancing organizational adaptability, responsiveness, and long-term sustainability in increasingly dynamic and unpredictable environments.

## Discussion

The proposed conceptual framework holds significant relevance for organizations operating within high-uncertainty contexts, such as those in Southeast Asia, Latin America, and transitional

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economies confronting post-pandemic recovery or political instability. In such environments, proactive management provides a critical strategic lens for anticipating market disruptions, regulatory shifts, and technology-induced transformations. Therefore, the framework presented in this study can inform organizational strategy and public policy in regions characterized by environmental volatility and systemic change.

The synthesis of the reviewed literature demonstrates that the concept of proactive management aligns closely with the conceptual framework proposed by Snyder (2019), as well as the principles of strategic management articulated by Mintzberg et al. These frameworks emphasize the organization's capacity to anticipate, adapt, and proactively create value in uncertain environments (Ongaro & Ferlie, 2020). Core components such as strategic planning, data-driven decision-making, and leadership development are consistent with the dynamic capabilities perspective advanced by Teece et al., which highlights the necessity for organizations to sense, seize, and transform opportunities in order to sustain competitive advantage (Park, 2025).

Furthermore, the role of proactive leadership, which is characterized by creativity, forward-thinking, and team development, corresponds closely with transformational leadership theory. This theory positions leaders as catalysts for change who articulate a compelling vision and foster organizational commitment. The findings also corroborate the conclusions of Zuberi and Khattak (2021), who identified proactive leadership as a critical determinant of an organization's ability to navigate uncertainty effectively.

This study contributes to the literature by offering novel insights, particularly regarding the practical application of proactive management in real-world organizational contexts. While previous studies, such as those by Ahmed et al. (2021) and Hashim Hussein (2022), addressed theoretical dimensions of proactive management, they lacked detailed models for implementation. This research addresses that gap by presenting a comprehensive set of applied strategies, including fostering a proactive organizational culture, leveraging artificial intelligence, and designing strategic leadership development programs.

Additionally, the structured articulation of the five key components, which include anticipation, strategic planning, proactive problem-solving, team development, and data-driven decision-making, offers a coherent conceptual model that may inform both policy formulation and strategic decision-making. This integrated framework provides practical guidance for organizations seeking to enhance flexibility, responsiveness, and long-term competitiveness, which are aspects that remain underexplored in the existing literature.

## Recommendations

*1. Academic Recommendations*

The findings from the literature synthesis and the conceptual framework developed in this study suggest that proactive management can be effectively integrated with several established theories. Notably, it aligns with the concept of dynamic capabilities, which emphasizes the ability to adapt and utilize resources efficiently, and with transformational leadership theory, which highlights the role of leaders in shaping a compelling vision and driving positive organizational change. Nevertheless, there remains considerable room for academic exploration. Future research should conduct empirical investigations across diverse contexts, including service industries, technology sectors, and public administration. Such studies would enhance the contextual richness and applicability of proactive management. Furthermore, employing mixed-methods research designs would offer deeper insights into the underlying mechanisms and environmental factors influencing the successful implementation of proactive management principles. It is also recommended that comparative studies evaluate proactive

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management against alternative approaches in terms of efficiency, flexibility, and strategic innovation capacity. These efforts would significantly contribute to both the theoretical advancement and practical relevance of contemporary management scholarship.

*2. Practical Recommendations*

The results of this study offer actionable recommendations for organizational application, particularly within environments characterized by high uncertainty. Organizations should prioritize the cultivation of a proactive organizational culture by fostering foresight, anticipatory planning, and data-informed decision-making. These practices enhance the organization's capability to respond effectively to change. Simultaneously, leadership development programs should focus on building proactive leadership capacity, emphasizing strategic thinking, creativity, and the ability to navigate uncertainty. Such leadership is essential for guiding organizations through crises with resilience and strategic foresight. In addition, organizations are encouraged to invest in decision-support technologies, including real-time data analytics, artificial intelligence (AI), and proactive risk management systems, to improve accuracy and responsiveness amid evolving circumstances. At the policy level, it is recommended that the Five-Component Framework of Proactive Management be adopted in the formulation of strategic plans at both organizational and national levels. This integration would foster systemic sustainability and enhance long-term competitiveness.

## Conclusion

This study aimed to synthesize a conceptual framework for proactive management through an analytical review of 134 high-quality academic articles published between 2020 and 2025. Through a rigorous selection process, 41 articles were retained for in-depth analysis. The synthesis identified five core dimensions of proactive management. First, the core concept emphasizes future-oriented thinking, problem prevention, and opportunity creation. Second, the key components comprise five elements: anticipatory forecasting, strategic planning, proactive problem-solving, team development, and data-driven decision-making. Third, expected outcomes include enhanced risk mitigation, operational efficiency, organizational flexibility, and long-term sustainability. Fourth, proactive leadership plays a vital role in strengthening forecasting capabilities, fostering innovation, ensuring accountability, and improving team performance. Finally, practical applications involve cultivating a proactive organizational culture, leveraging technology, developing leadership capacity, and designing strategic policy interventions.

The outcomes of this synthesis resulted in the development of an integrated conceptual framework that serves as a foundation for designing organizational strategies, constructing policy-driven models, and guiding future empirical research. This framework is particularly relevant for organizations operating in high-uncertainty environments and undergoing rapid transformation in the digital era.

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## References


Afifa, Y. N., & Santoso, I. (2022). Proactive risk mitigation strategies and building strategic resilience in the food supply chain: a review. *Food Research*, 6(2),9-17, https://doi.org/10.26656/fr.2017.6(2).257

Agbaji, A. (2021). Leadership and managerial decision-making in an AI-enabled oil and gas industry. *Day 3 Wed, November 17, 2021*. https://doi.org/10.2118/207613-ms

Ahmed, R. R., Streimikiene, D., & Zheng, X. (2021). The impact of proactive environmental strategy on competitive and sustainable development of organizations. *Journal of Competitiveness*. https://doi.org/10.7441/joc.2021.04.01

Alkathiri, K. G. M., & Mihlar, M. (2021). The Organizational Performance Dimensions on Achieving Organizational Goals: A Case Study of the Minister's Office of Dhofar State, Oman. *Journal of Almaarif University College, 32(3).* https://doi.org/10.51345/.v32i3.449.g235

Allam, K., & Rodwal, A. (2023). AI-DRIVEN BIG DATA ANALYTICS: UNVEILING INSIGHTS FOR BUSINESS ADVANCEMENT. EPH - International Journal of Science and Engineering. https://doi.org/10.53555/ephijse.v9i3.219

Asaul, A., Asaul, M., Levin, J., Shcherbina, G., & Trushkovskaya, E. (2021). Proactive mechanisms for response to risks of business entities engaged in investment and construction activities. *SSRN Electronic Journal*. https://doi.org/10.2139/ssrn.3873189

Bhima, B., Zahra, A., & Nurtino, T. (2023). Enhancing organizational efficiency through the integration of artificial intelligence in management information systems. *APTISI Transactions on Management (ATM, 7)*(3), Article 2146. https://doi.org/10.33050/atm.v7i3.2146

Bohashko, O., & Bohashko, I. (2023). The culture of business communication is a decisive factor of leadership in the management of organizations. *Economies' Horizons, 26*(4), 91–99. https://doi.org/10.31499/2616-5236.4(26).2023.291789

Bushuyev, S., & Pilyugina, K. (2023). Value-oriented proactive management in high-tech project teams. *Management of Development of Complex Systems, 53*, 5–15. https://doi.org/10.32347/2412-9933.2023.53.5-15

Crant, J. M. (2000). Proactive behavior in organizations. *Journal of Management, 26*(3), 435–462. https://doi.org/10.1177/01492063000 2600304

Daher, A. (2023). Proactive leadership and its relationship to managing the organizational error of the Iraqi Handball Federation from the point of view of the clubs participating in the Iraqi Elite League for the season 2023–2024. *Journal of Physical Education, 35*(4). https://doi.org/10.37359/jope.v35(4)2023.1981

Dba, C., & Mallillin, L. (2023). Organizational leadership skills theory and practice: A guide to management system. *International Journal of Social Science and Human Research, 6*(10), 5152–5160. https://doi.org/10.47191/ijsshr/v6-i10-69

Faisal, M., & Mahmoud, M. (2023). The role of proactive behavior in achieving strategic decision quality. *International Journal of Research in Social Sciences & Humanities*, *13*(2). https://doi.org/10.37648/ijrssh.v13i02.048

Fatima, A., & Tufail, M. (2021). Improving efficiency of apparel manufacturing through the principles of resource management. *Clothing and Textiles Research Journal, 41*(3), 225–235. https://doi.org/10.1177/0887302X211005432

Fazli, H., Farooq, S., Yang, C., & Wæhrens, B. V. (2023). Proactive and reactive approaches towards sustainable practices in manufacturing companies: Emerging economies perspective. *Sustainability, 15*(17), Article 12796. https://doi.org/10.3390/su151712796

Fitria, N., Wijayanti, I., Santoso, A., Romadon, S., & Kraugusteeliana, K. (2023). The role of management information systems in human resource competency development. *Jurnal Minfo Polgan, 12*(1), Article 12764. https://doi.org/10.33395/jmp.v12i1.12764

Gitelman, L., Isaev, A., Kozhevnikov, M., & Gavrilova, T. (2023). Proactive management education for a technological breakthrough. *Strategic Decisions and Risk Management*, *13*(4), 290–303. https://doi.org/10.17747/2618-947x-2022-4-290-303


 © Authors

Grove, H., Clouse, M., & Xu, T. (2023). Strategic foresight for companies. *Corporate Board: Role, Duties and Composition, 19*(2), 1–10. https://doi.org/10.22495/cbv19i2art1

Haessler, P. (2020). Strategic decisions between short-term profit and sustainability. *Administrative Sciences*, *10*(3), 63. https://doi.org/10.3390/admsci10030063

Hashim, Z., & Hussein, A. (2022). The effect of proactive leadership in the quality of insurance decisions: A field study on a sample of managers of Iraqi insurance companies. *International Academic Journal of Business Management, 9*(2), 1–14. https://doi.org/10.9756/iajbm/v9i2/iajbm0915

Hidayat, S., Febrianto, Z., Eliyana, A., Purwohedi, U., Anggraini, R., Emur, A., & Zahar, M. (2023). Proactive personality and organizational support in television industry: Their roles in creativity. *PLOS ONE, 18*(1), Article e0280003. https://doi.org/10.1371/journal.pone.0280003

Hong, Y., Liao, H., Raub, S., & Han, J. (2016). What it takes to get proactive: An integrative multilevel model of the antecedents of personal initiative. *The Journal of Applied Psychology, 101*(5), 687–701. https://doi.org/10.1037/apl0000064

Ionescu, S., & Diaconita, V. (2023). Transforming Financial Decision-Making: The Interplay of AI, Cloud Computing and Advanced Data Management Technologies. INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL. https://doi.org/10.15837/ijccc.2023.6.5735

Klomim, K., & Kuayngern, B. (2023). Development in designing competency-based learning management according to the guidelines for driving the economy (BCG model) by using the concept of proactive learning management for students' practice teaching professional experience. *Journal of Education and Learning, 12*(5), 208–217. https://doi.org/10.5539/jel.v12n5p208

Kostarev, D., Tevyashev, A., Sizova, N., & Tkachenko, V. (2023). System analysis of the problem of proactive management of an industrial enterprise. *InterConf*. https://doi.org/10.51582/interconf.19-20.08.2023.031

Kumar, H. (2023). A study on strategic human resource management and organizational performance. *TEST Engineering & Management, 83*, Article 14611. https://doi.org/10.52783/testmagzine.v83.14611

Kvasha, T. (2022). Foresight research as a strategic planning component. *University Scientific Notes*, *85–86*. https://doi.org/10.37491/unz.85-86.15

Lazarenko, Y., Garafonova, O., Marhasova, V., & Grigashkina, S. (2021). Gaining a competitive advantage through sustainability strategy: Managerial applications for the mining sector. *E3S Web of Conferences, 278*, Article 03036. https://doi.org/10.1051/e3sconf/202127803036

Leung, B. (2023). The effects of green management practice on organizational performance success: An empirical study in HK building industry. *Natural Resources Conservation and Research, 6*(1), Article 1859. https://doi.org/10.24294/nrcr.v6i1.1859

Linkova, O. (2021). Personnel training as an effective tool of organizational development. *Scientific Journal of Kherson State University. Series "Economic Sciences"*, *2021*(1). https://doi.org/10.32782/2415-8801/2021-1.17

Lunde, T., Sjusdal, A., & Pappas, I. (2019). Organizational culture challenges of adopting big data: A systematic literature review. In Proceedings of the IFIP Advances in Information and Communication Technology (Vol. 558, pp. 164–176). Springer. https://doi.org/10.1007/978-3-030-29374-1_14

Luo, B. N., Tang, Y., Chen, E. W., Li, S., & Luo, D. (2020). Corporate sustainability paradox management: A systematic review and future agenda. *Frontiers in psychology*, *11*, 579272. https://doi.org/10.3389/fpsyg.2020.579272

Mahler-Rogers, D. (2017). Infusing complex problem-solving and systems thinking in college leadership development programs. *Doctoral Dissertation, Old Dominion University*. https://doi.org/10.25777/qvbz-m677

Meng, X. (2020). Proactive management in the context of construction supply chains. *Production Planning & Control, 31*(6), 527–539. https://doi.org/10.1080/09537287.2019.1657977

 © Authors

Meza, R., Triplett, N., Woodard, G., Martin, P., Khairuzzaman, A., Jamora, G., & Dorsey, S. (2021). The relationship between first-level leadership and inner-context and implementation outcomes in behavioral health: A scoping review. *Implementation Science, 16*(1), Article 104. https://doi.org/10.1186/s13012-021-01104-4

Mujtaba, B., Cavico, F., & Senathip, T. (2020). Strategies for personal, organizational and professional leadership success. *Scientific Journal of Research & Reviews, 2*(1). https://doi.org/10.33552/sjrr.2020.02.000538

Ongaro, E., & Ferlie, E. (2020). Strategic Management in public organizations: Profiling the public entrepreneur as strategist. *The American Review of Public Administration, 50*(4-5), 360-374. https://doi.org/10.1177/0275074020909514

Park, J. H. (2025). How did South Korean multiplexes survive the pandemic?: A dynamic capabilities perspective. *foresight, 27*(3), 507-523. https://doi.org/10.1108/fs-10-2023-0205

Parker, S. K. (2000). From passive to proactive motivation: The importance of flexible role orientations and role breadth self-efficacy. *Applied Psychology, 49*(3), 447–469. https://doi.org/10.1111/1464-0597.00025

Parker, S. K., Bindl, U. K., & Strauss, K. (2010). Making things happen: A model of proactive motivation. *Journal of Management, 36*(4), 827–856. https://doi.org/10.1177/0149206310363732

Psychogios, A. (2022). Re-conceptualising total quality leadership: A framework development and future research agenda. *The TQM Journal, 34*(6), 1–23. https://doi.org/10.1108/tqm-01-2022-0030

Rakova, B., Yang, J., Cramer, H., & Chowdhury, R. (2020). Where responsible AI meets reality. *Proceedings of the ACM on Human-Computer Interaction, 5*, 1–23. https://doi.org/10.1145/3449081

Roy, V., Silvestre, B. S., & Singh, S. (2020). Reactive and proactive pathways to sustainable apparel supply chains: Manufacturer's perspective on stakeholder salience and organizational learning toward responsible management. *International Journal of Production Economics*, *227*, 107672. https://doi.org/10.1016/j.ijpe.2020.107672

Serra, F., Scafuto, I., Da Costa, P., Nassif, V., & Pigola, A. (2023). Organizing 'contributions to practice' in research articles on innovation. *International Journal of Innovation, 11*(1), Article 25629. https://doi.org/10.5585/2023.25629

Shafiabady, N., Hadjinicolaou, N., Din, F., Bhandari, B., Wu, R., & Vakilian, J. (2023). Using artificial intelligence (AI) to predict organizational agility. *PLOS ONE, 18*(1), Article e0283066. https://doi.org/10.1371/journal.pone.0283066

Sileo, G. (2023). Proactive and reactive infrastructure investment. *Available at SSRN 4274528*. https://doi.org/10.2139/ssrn.4274528

Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. *Journal of Business Research, 104*, 333–339. https://doi.org/10.1016/j.jbusres.2019.07.039

Szabo, Z., Körtesi, P., Guncaga, J., Szabo, D., & Neag, R. (2020). Examples of problem-solving strategies in mathematics education supporting the sustainability of 21st-century skills. *Sustainability, 12*(23), Article 10113. https://doi.org/10.3390/su122310113

Usman, M. (2020). Transformational leadership and organizational change: In the context of today's leader. *International Business Education Journal, 13*(1), 85–98. https://doi.org/10.37134/IBEJ.VOL13.1.8.2020

Wood, J., & Ventura, H. (2021). Development of a single-factor scale to measure leader accountability. In *Advances in Human Resources Management and Organizational Development* (Chapter 10). IGI Global. https://doi.org/10.4018/978-1-7998-7665-6.ch010

Wu, C., & Wang, Y. (2011). Understanding proactive leadership. *Research in Personnel and Human Resources Management, 30*, 299–314. https://doi.org/10.1108/S1535-1203(2011)0000006015

Zainab, S. R., Khawaja, K. F., & Asghar, S. A. (2021). The impact of Proactive Sustainability Strategy and Sustainable Leadership on Corporate Sustainability performance. *NICE Research Journal*, 30-47. https://doi.org/10.51239/nrjss.vi.272

 © Authors

Zhu, Y., How, K., Wu, H., & Cao, Q. (2023). AI-based proactive storage failure management in software-defined data centres. *Proceedings of the 2023 6th International Conference on Information Science and Systems*. https://doi.org/10.1145/3625156.3625190

Zuberi, M., & Khattak, A. (2021). Impact of proactive personality and leader-member exchange on innovative work behavior: A job design perspective. *International Journal of Innovation Science, 13*(3), 329–345. https://doi.org/10.1108/IJIS-11-2020-0251

 © Authors