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THE ENIGMATIC ROLE OF MIDDLE MANAGERS: UNRAVELING THE CONTINUOUS IMPROVEMENT PUZZLE

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Abstract: In the 21st century, companies face mounting competition and cost pressures, necessitating adaptability to an increasingly complex, dynamic, and global business landscape. This drive for improvement, reduced costs, enhanced customer satisfaction, and competitiveness has led many organizations to embrace Continuous Improvement (CI) strategies. Successful CI implementation instills a culture of ongoing enhancement throughout the organization, demanding sustained commitment from top management.

Despite the promise of CI, the process is intricate and context-sensitive, frequently falling short of the "sustained improvements" and "cultural change" it promises. Studies across industrial and service-oriented sectors reveal that the outcomes of CI initiatives often prove unsustainable over time. Addressing these challenges is vital to derive lasting benefits from CI efforts.

This paper delves into the complexities and nuances of implementing CI in organizations, exploring the contextual factors that impact its success. It investigates the reasons behind the failure of CI programs to deliver long-term results, shedding light on the challenges that organizations face when striving for continuous improvement.

Keywords: Continuous Improvement (CI), Organizational Change, Sustainability, Business Competition Cultural Transformation

Keywords: middle management; organizational change; continuous improvement; implementation; agility; digitalization

1 Introduction

Since the beginning of the 21st century, many companies have been exposed to growing competition and increasing cost pressure (Cruz and Wang 2018; Dombrowski and Karl 2017; Mora 2014). Thus, the environment of these organizations is becoming increasingly complex, dynamic and global (Hammer 2004; Lee et al. 2012; Neilson et al. 2014; Steiber and Alänge 2016; Van Olffen et al. 2019). These companies are looking for ways to improve their business, that is, provide better services against lower cost, improve customer satisfaction, and stay competitive (Bhuiyan et al. 2006; Nyhuis et al. 2010; Snee 2010). Many managers have implemented a strategy of Continuous Improvement (CI) to adapt to this ever-changing environment (Bhuiyan et al. 2006; Collis 2016; Madhani 2017; Saha et al. 2017). Successful implementation of CI programs serves to install a continuous improvement viewpoint and initiate cultural change throughout the entire organization (Bhasin and Burcher 2006). As mentioned by Emiliani (2006) and Liker (2004), implementing CI requires a long-term commitment, especially from top management.

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However, organizational changes toward CI are complex and highly context dependent. CI programs are often said to involve "sustained improvements", "cultural change" and similar terms, but often end up as a quick fix without a deliberate effort to create and maintain the conditions required for CI (Bhuiyan et al. 2006; Snee 2010). Here, studies in both industrial and service-oriented organizations demonstrate that (initial) results arising from CI projects are often not sustained over time (Found and Harvey 2006).

Middle managers often play an important role in facilitating this type of organizational change (Dawson 2019), through their informal network, creative and innovative skills, and knowledge about what motivates employees (Huy 2001; Moss Kanter 1982; Realin and Cataldo 2011; Tabrizi 2014). They tend to have value-adding ideas for improvement and often have a big informal network within the organization (Groskovs and Ulhøi 2019; Rost et al. 2019), which can help to strike a balance between continuity and change. At the same time, if middle managers think negatively about a particular change, they may actively – though not always visibly – block and resist the change (Balogun 2003; Fenton-O'Creevy 1998; Guth and MacMillan 1986; Neumann et al. 2019).

In this essay, we explore the role of middle managers in the dynamic playing field of CI (Heyden et al. 2018; McCann et al. 2008; Theodore et al. 2017), to establish whether this is a pivotal role or not (Holmemo and Ingvaldsen 2016; Tabrizi 2014; Tarakci et al. 2018). In the remainder of this essay, we conduct a broader exploration of middle managers" roles in CI by looking at it from different angles. Firstly, we provide an overview of three different ways of looking at middle management. Subsequently, we look at middle managers' role enactment during organizational change initiatives such as CI. We conclude by exploring the future of the middle manager.

2 Toward a Broader View: Three Views of Middle Management

In this section, we develop a broader perspective on the discourse on middle management. The role and added value of middle managers have been debated for a long time (Cândido and Santos 2019; Dopson and Stewart 1990, 1993; Harding et al. 2014; Tabrizi 2014). The constant re-engineering of many organizations appears to have diminished the number of middle managers in many organizations dramatically (Bernstein et al. 2016; Clarke 1998; Dopson and Stewart 1993; Hayes 2008), but may not have made them less important (Balogun and Johnson 2004; Floyd and Lane 2000; Livijn 2019).

Middle management can be considered to be one of the most important human agents in creating conditions for achieving CI in an organization (Alefari et al. 2017; Holmemo and Ingvaldsen 2016; Lodgaard et al. 2016). Especially the practical experience of many middle managers may be an important asset in implementing CI within the organization (Harrington and Williams 2004). However, in the face of organizational change, middle managers" pivotal position between operations and strategy also makes the implementation of change difficult (Bryant and Stensaker 2011). The position of middle managers is therefore a difficult one: whereas on the one hand they are responsible for translating strategic change initiatives to daily operations, on the other hand they also have to attend to problems prevailing on the shop floor on a daily basis (e.g. Hermkens et al. 2017; Stoker and de Korte 2001; Uyterhoeven 1989). The constant pressure to cut costs as well as sustain or grow their unit"s performance (e.g. productivity or customer satisfaction) may undermine middle management"s efforts and commitment to implement CI (Sim and Rogers 2009; Stoker 2006). Thus, a major challenge arises from the two different roles that top management typically expects middle managers to play: the role

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of change leader and the role of loyal executer. Drawing on an analogy with baseball, Uyterhoeven (1989) therefore observed that middle managers are typically expected to be able to hit, field and pitch at the same time.

These reflections can be captured in three different views on middle management (see Figure 1), which we will elaborate on hereafter. One view is that middle managers are no longer needed, due to changing ways of working in organizations, increased automation of various work processes and higher levels of employee independence and autonomy (Balogun 2003; Cameron et al. 1991; Gratton 2011; Hamel 2011). Another view on the role of middle managers is that they have insufficient potential. If top management adopts this viewpoint, middle managers can become demotivated because they do not feel heard and because they face many organizational changes (Zenger and Folkman 2014). A third view is that middle managers have great potential, because they occupy a unique position in the organization (Lawrence and Lorsch 1967; Mintzberg 1989; Tinline and Cooper 2016) and can ensure the connection between the shop floor and top management as well as translate the ideas from the top to operational activities (Nonaka 1994).

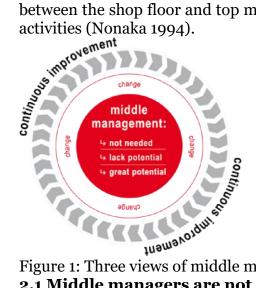


Figure 1: Three views of middle management

2.1 Middle managers are not needed

Constant reengineering of organizations, increasing automation of work and the impact of IT have diminished the number of middle managers in many organizations dramatically (Birkenshaw 2018a; Clarke 1998; Dopson and Stewart 1993; Hayes 2008; Herzing and Jimmieson 2006; North and Kumta 2018; Stoker 2006). Middle managers thus find themselves in a struggle to survive (Gjerde and Alvesson 2020; Spreitzer and Quinn 1996; Townsend and Dundon 2015), particularly when they perceive the empowering of their subordinates as beneficial to the organization, but not beneficial to themselves (Denham et al. 1997). Middle managers have been observed to actively block empowerment in order to preserve the power and status they felt was being reduced or lost (e.g. Denham et al. 1997; Fenton-O"Creevy 2001). The key assumption in this viewpoint is that organizations are increasingly looking for coaches and mentors, not middle managers (Foster et al. 2019; Gilley et al. 2009; Munteanu and Ratiu 2018; Stoker 2006). Supporters of this view may argue that middle managers have become dinosaurs that do not add value (Sims 2003) or a bureaucratic barrier that needs to be overcome (Guth and MacMillan 1986; Hammer and Champy 1993). If this view on middle management prevails in the

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organization, it may result in middle managers becoming afraid of change and feeling insecure about their position (Conway and Monks 2011; Keyser et al. 2016; Wagner et al. 2019). It may also lead to middle managers experiencing parallel hierarchies, as a result of more empowerment of operational employees by higher management (Holden and Roberts 2004; Psychogios et al. 2009). In such situations, middle managers may feel as if their role is being dismantled by placing more responsibilities at the workplace level (Guth and MacMillan 1986).

2.2 Middle managers lack sufficient potential

Looking at middle managers as if they have insufficient potential may result in demotivated middle managers, who do not feel heard and face many organizational changes (Zenger and Folkman 2014). Supporters of this view may feel that middle managers cannot deal with the changing role that is expected of them. This may result in insufficient attention for the development of middle managers, despite the fact that their role is constantly changing (Griffith et al. 2019; Stoker and De Korte 2001). Middle managers are then likely to stick to their existing patterns (Hout 1999), thereby effectively blocking changes and innovations, although they could play a constructive role in these changes (Koene 2017). Another reason may be that middle managers are promoted until they reach a level that they can no longer cope with what is expected of them (Griffith et al. 2019), the socalled "Peter principle" (Benson et al. 2018; Lazear 2004). This can be harmful to organizations, especially if professionals are first appointed at supervisory positions and subsequently promoted to a (middle management) level that is just too high for them. In such situations, the organization loses a good professional, whilst at the same time getting a manager who performs a role for which s/he does not have the skills (Benson et al. 2018; Griffith et al. 2019).

2.3 Middle managers have great potential

A third view is that middle managers remain the critical interface between top management and operations (Burgelman 1994; Floyd and Wooldridge 1997; Hermkens et al. 2019). This view resonates with academic work that emphasizes the valuable contributions middle managers can make to organizations (Balogun and Johnson 2004; Rouleau and Balogun 2011). Middle managers especially play a significant role during change (Balogun 2003; Balogun and Johnson 2004, Floyd and Wooldridge 1992, 1997) by implementing top management"s intended strategies (Balogun 2003; Currie and Procter 2005; Glaser et al. 2016; Koene 2017; Van der Voet et al. 2016).

The role of (remaining) middle management has apparently become more important in efforts to delayer organizations (McKinney et al. 2013). Middle management has thus been assumed to play an important role in linking layers and different groups in the organization, by safeguarding coordination and helping employees prioritize projects as well as by facilitating collaboration and ensuring that everyone is heard (Garvin 2013; Livijn 2019; Whitehurst 2015). Middle management can have a big role in this, through their creative and innovative skills, informal network and knowledge about what motivates employees (Huy 2001; Moss Kanter 1982). In this respect, CI is about continuously achieving small changes in the work processes (Jørgensen et al. 2003) and middle managers are highly critical in accomplishing these changes (Al-Najem et al. 2012; Holmemo and Ingvaldsen 2016; Lleo et al. 2017).

3 Bermuda Triangle

As mentioned before, organizations face a highly competitive and continuously evolving business environment (Burnes 2011; By 2005; Gjerde and Alvesson 2020), in which the successful management

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of change is crucial to survive and succeed. Since the 1990s, high failure rates of organizational change attempts have been observed (Al-Haddad and Kotnour 2015; Ashkenas 2013; Beer and Nohria 2000; Hammer and Champy 1993).

Accordingly, the complexity of organizational change makes a middle manager face a triangle of roles and challenges: leading change, implementing change, and behavioral change – together forming a so-called Bermuda triangle (see Figure 2). The combination of these roles may give rise to major tensions and possibly the tendency to actively block change and create resistance. We will elaborate on these three roles and their impact on the middle manager.

3.1 **Leading Change**

When it comes to leading change, middle managers may at the same time be leaders, who ensure things get done and changes are implemented in the organization, and followers that implement the assignments of top management (Bryant and Stensaker 2011; Neumann et al. 2019). Middle managers have the crucial task to translate new strategies to the operational level and to implement the desired change (Belasen and Luber 2017). This may also seem paradoxical, as many changes also concern middle managers themselves: managing change thus often requires that middle managers change their own behavior (Eddy and Amey 2018; Heyden et al. 2018; Stoker 2005). As a result, they are facing a constant struggle (Gjerde and Alvesson 2020; Uyterhoeven 1989).

3.2 Implementing Change

Middle managers are often caught between translating top management strategy to the workplace on the one hand and representing the workplace toward top management on the other hand (Nonaka 1994; Stoker and De Korte 2001). The interests of the top and operational layer are often not well aligned (Guth and MacMillan 1986; Radaelli and Sitton-Kent 2016). From their position as a connecting link, middle managers can then play an important role in the success of a CI effort (e.g. Emiliani 2006; Kuyvenhoven and Buss 2011; Lleo et al. 2017 McCann et al. 2008). However, a more servant style of leadership may be required here, one in which the middle manager shows that the result of the change is more important than his or her own position (Gandolfi and Stone 2018). Middle managers can thus be expected to perform a downward influencing role, by implementing a deliberate strategy through the translation of top management objectives into effective operational plans (Floyd and Wooldridge 1997; Tarakci et al. 2018; Van Rensburg et al. 2014).

3.3 **Behavioral Change**

The multiple roles and contributions expected from middle management are particularly problematic when (part of) the middle management echelon itself is subject to change (Anicich and Hirsh 2017b; Han et al. 2014). The fact that middle managers themselves may also be subject to change is a phenomenon that has been largely neglected in the organizational change literature (Oreg et al. 2011). If a middle manager wants to be able to contribute to the change, it may also require that s/he reviews his own behavior and adjusts it. In this respect, middle managers can play a key role by showing exemplary behavior and leadership, in a way that helps propagate the change in the organization (e.g. Galbraith 2018; Lam et al. 2015; Van Assen 2018). Access to adequate development and training opportunities for middle managers is important here (Abugre and Adebola 2015; Jørgensen et al. 2007), as is the individual ability to change. In practice, these conditions often appear to be missing (Griffith et al. 2019; McKinney et al. 2013; Zenger and Folkman 2014).

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Middle managers have to be constantly alert in a world in which cutting budgets and lifecycle management are a true art form: cost cutting, more efficiency and in the end delivering the same or even more (Stoker 2006). They do not have to have extraordinary skills, but need to share a number of characteristics: comfortable with change, clarity on direction, thoroughness, participative management style, persistence and discretion (Moss Kanter 1982; Tabrizi 2014; Tinline and Cooper 2016).

If middle managers have to engage in all three roles discussed, a highly vulnerable situation emerges – one we call the "Bermuda" triangle of middle management (see Figure 2). In many corporate settings, top managers often expect their middle managers to engage in the triangle of leading change, implementing change *and* changing their own behavior, which gives rise to many tensions and possibly results in these middle managers actively blocking and resisting change (Blom 2018; Cândido and Santos 2019).

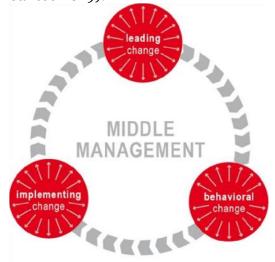


Figure 2: The Bermuda triangle of middle management

Overall, middle managers appear to play multiple pivotal roles in organizational change and transformation (Balogun 2003; Buick et al. 2018; Kuyvenhoven and Buss 2011; McKinney et al. 2013). To support middle managers in handling this triangle of roles and challenges, top managers would need to lead by example (Alhaqbani et al. 2016; Birken et al. 2015; Näslund 2013). This is a major challenge in itself, given the volatility at top management positions as well as shareholder pressure (e.g. toward cost-cutting) in many companies.

4 The Future of the Middle Manager

Organizations are undergoing major changes, including the roles of all types of managers. The positions of middle managers may be renamed (De Man et al. 2019), but the need for this type of coordination work will remain. Therefore, the problem in many organizations is not that management is inefficient or redundant, but that the role and purpose of a "manager" does not keep pace with what is needed (Pistrui and Dimov 2018). The remainder of this section highlights two important developments that will likely influence the role of the middle manager: new organizational forms and further digitalization.

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4.1 Redefining middle management in new organizational forms

The debate about the middle manager is far from over and will very likely be continued in the coming years (e.g. Gjerde and Alvesson 2020; Heyden et al. 2017; Jacobs 2015; Nicula and Ghimişi 2019). One current discussion involves the impact of new forms of organizing like organizational agility, self-management and holacracy on the role of middle management (De Man et al. 2019; Lee and Edmondson 2017; Rigby et al. 2016; Romme 2015, 2017; Velinov et al. 2018). In several firms in the financial service sector, these new forms of organizing are being adopted (Barton et al. 2018; Birkinshaw 2018a). These new organizational forms require a changing role and potentially different competences from the middle manager. This especially means that middle managers need to engage more in coaching and mentoring (De Man et al. 2019; Gilley et al. 2009; Munteanu and Raţiu 2018). In this respect, middle managers increasingly have to lead by raising questions rather than giving orders, and thus need to let go of their command-and-control management style (Denning 2016; Netland et al. 2019).

On the other hand, various organizations already distance themselves from "self-management" practices (Kumar and Mukherjee 2018), because self-managing teams seem to take away people"s professional identities and the organization"s effectiveness appears to diminish, unless it is actively managed (Hout 1999; Whitehurst 2015). The notion of self-management and the resulting claim that layers of middle managers need to be reduced is therefore highly disputed (Burton et al. 2017; De Man et al. 2019; Garvin 2013). In this respect, there appears to be no clarity about the central concepts of many new organizational forms (Anderson and Brown 2010; Bernstein et al. 2016; Lee and Edmondson 2017; Tarakci et al. 2016), which provides interesting opportunities for future research.

4.2 Redefining middle management in a digital world

Technology plays an increasingly important role within organizations (Heavin and Power 2018; Hirte and Sieger 2018; Lobo et al. 2019; North and Kumta 2018). Especially digital technology can be assumed to have a major impact on the role and number of middle managers in organizations (Applegate et al. 1988; Birkinshaw 2018b; Gratton 2011, 2016; Hirt and Willmott 2014). For example, Mims (2015) claims that data is the new middle manager.

In addition, operational work by human workers is in many organizations being substituted or facilitated by robotic process automation (Kumar and Balaramachandran 2018; Madakam et al. 2019) and artificial intelligence (Duan et al. 2019; Jarrahi 2018; Kolbjørnsrud et al. 2017). This means that a more digital workforce (Colbert et al. 2016; Wesche and Sonderegger 2019) will impact the role and activities of management (North and Kumta 2018; Stone et al. 2015), for instance, in terms of digital ways of working together (Lilian 2014; Marlow et al. 2017).

These two developments require adaptive organizations that can and want to change (Carter et al. 2013). Technology, automation and digitization are all causing the world and therefore the working environment of the middle manager to change faster and faster (Colbert et al. 2016; Kolbjørnsrud et al. 2017). This requires agile middle managers (De Smet 2018; North and Kumta 2018). It is thus important to further investigate these developments and their future impact on the role of middle management (e.g. Hermkens et al. 2020).

5 Closing Remarks

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There has been a lot of discussion about the role of middle management, between those that believe and those that do not believe in a valuable contribution from the middle layer of the organization. One can conceive of middle management as an obstacle to change (Hammer and Champy 1993), as a strategic asset (Balogun 2003), or as an organizational actor that can make an important contribution (Osterman 2008; Wooldridge et al. 2008). We have argued that the middle manager is often positioned in a Bermuda-like setting, but nonetheless will continue to have a pivotal role in many organizations. Although some people believe that middle managers are just "passing through" on their way to top management positions, it is important to realize that most companies need middle managers who are there for the long run (Anicich and Hirsh 2017a; Tabrizi 2014).

References

- Abugre, J.B. and Adebola, K. (2015). An examination of training and development of middle level managers in emerging economies: Evidence from financial institutions in Ghana. *International Journal of Organizational Analysis*, Vol. 23 No. 4, pp. 545-563.
- Alefari, M., Salonitis, K. and Xu, Y. (2017). The role of leadership in implementing lean manufacturing. *Procedia CIRP*, Vol. 63, pp. 756-761.
- Alhaqbani, A., Reed, D., Savage, B. and Ries, J. (2016). The impact of middle management commitment on improvement initiatives in public organisations. *Business Process Management Journal*, Vol. 22 No. 5, pp. 924938.
- Al-Haddad, S. and Kotnour, T. (2015). Integrating the organizational change literature: A model for successful change. *Journal of Organizational Change Management*, Vol. 28 No. 2, pp. 234-262.
- Al-Najem, M., Dhakal, H. and Bennett, N. (2012). The role of culture and leadership in lean transformation: A review and assessment model. *International Journal of Lean Thinking*, Vol. 3 No. 1, pp. 119-138.
- Anderson, C. and Brown, C.E. (2010). The functions and dysfunctions of hierarchy. *Research in Organizational Behavior*, Vol. 30, pp. 55–89.
- Anicich, E.M. and Hirsh, J.B. (2017a, March). Why being a middle manager is so exhausting. *HBR.org* digital article. Retrieved from: https://hbr.org/2017/03/why-being-a-middle-manager-is-so-exhausting
- Anicich, E.M. and Hirsh, J.B. (2017b). The psychology of middle power: Vertical code-switching, role conflict, and behavioral inhibition. *Academy of Management Review*, Vol. 42 No. 4, pp. 659-682.
- Applegate, L.M., Cash, J.I. and Mills, Q.D. (1988). Information technology and tomorrow's manager. *Harvard Business Review*, Vol. 66 No. 11, pp. 128-136.

American Journal of Information Technology and Management https://americaserial.com/Journals/index.php/AJITM, Email: contact@americaserial.com

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Ashkenas, R. (2013, April). Change Management Needs to Change. *Harvard Business Review Digital Articles*, Retrieved form https://hbr.org/2013/04/change-management-needs-to-cha
- Balogun, J. (2003). From blaming the middle to harnessing its potential: Creating change intermediaries. *British journal of management*, Vol. 14 No. 1, pp. 69-83.
- Balogun, J. and Johnson, G. (2004). Organizational restructuring and middle manager sensemaking. *Academy of Management Journal*, Vol. 47 No. 4, pp. 523-549.
- Barton, D., Carey, D. and Charan, R. (2018). One bank"s agile team experiment, *Harvard Business Review*, Vol. 96 No. 2, pp. 59-61.
- Beer, M. and Nohria, N. (2000). *Breaking the code of change*. Harvard Business School Press. Boston MA.
- Belasen, A. and Luber, E.B. (2017). Innovation implementation: Leading from the middle out. In: *Strategy and communication for innovation* (pp. 229-243). Springer, Cham.
- Benson, A., Li, D. and Shue, K. (2018, March) Research: Do people really get promoted to their level of incompetence? *HBR.org* digital article. Retrieved from: https://hbr.org/2018/03/research-dopeoplereally-get-promoted-to-their-level-of-incompetence
- Bernstein, E., Bunch, J., Canner, N. and Lee, M. (2016). Beyond the holacracy hype. *Harvard Business Review*, Vol. 94 No. 7-8, pp. 8-32
- Bhasin, S. and Burcher, P. (2006). Lean viewed as a philosophy. *Journal of Manufacturing Technology Management*, Vol. 17 No. 1, pp. 56-72.
- Bhuiyan, N., Baghel, A. and Wilson, J. (2006) A sustainable continuous improvement methodology at an aerospace company. *International Journal of Productivity and Performance Management*, Vol. 55 No. 85, pp. 671687.
- Birken, S.A., DiMartino, L.D., Kirk, M.A., Lee, S.Y.D., McClelland, M. and Albert, N.M. (2015). Elaborating on theory with middle managers" experience implementing healthcare innovations in practice. *Implementation Science*, Vol. 11 No. 1, pp. 1-5
- Birkinshaw, J. (2018a). What to expect from agile. MIT Sloan Management Review, Vol. 59, pp. 39-42.
- Birkinshaw, J. (2018b). The future of firms in an AI world. *London Business School Review*, Vol. 29 No. 3, pp. 69.Blom, T. (2018). Organisational wellness: Human reaction to change. *South African Journal of Business Management*, Vol. 49 No. 1, pp. 1-10.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

Email: contact@americaserial.com
Official Journal of America Serial Publication

- Bryant, M. and Stensaker, I. (2011). The competing roles of middle management: Negotiated order in the context of change, *Journal of Change Management*, Vol. 11 No. 3, pp. 353-373.
- Buick, F., Blackman, D. and Johnson, S. (2018). Enabling middle managers as change agents: Why organisational support needs to change. *Australian Journal of Public Administration*, Vol. 77 No. 2, pp. 222-235.
- Burgelman, R.A. (1994). Fading memories: A process theory of strategic business exit in dynamic environments. *Administrative Science Quarterly*, Vol. 39, pp. 24-56.
- Burnes, B. (2011). Introduction: Why does change fail, and what can we do about it?. *Journal of Change Management*, Vol 11 No. 4, pp. 445-450.
- Burton, R.M., Håkonsson, D.D., Nickerson, J., Puranam, P., Workiewicz, M. and Zenger, T. (2017). GitHub: exploring the space between boss-less and hierarchical forms of organizing. *Journal of Organization Design*, Vol. 6 No. 1, pp. 10-29.
- By, R.T. (2005). Organisational change management: A critical review. *Journal of Change Management*, Vol. 5 No. 4, pp. 369-380.
- Cameron, K., Freeman, S. and Mishra, A. (1991). Best practices in white-collar downsizing: Managing contradictions. *Academy of Management Executive*, Vol. 5 No. 3, pp. 57-73.
- Cândido, C.J. and Santos, S.P. (2019). Implementation obstacles and strategy implementation failure. *Baltic Journal of Management*, Vol. 14 No. 1, pp. 39-57.
- Carter, M.Z., Armenakis, A.A., Feild, H.S. and Mossholder, K.W. (2013). Transformational leadership, relationship quality, and employee performance during continuous incremental organizational change. *Journal of Organizational Behavior*, Vol. 34 No. 7, pp. 942-958.
- Clarke, M. (1998). Can specialists be general managers? Developing paradoxical thinking in middle managers. *Journal of Management Development*, Vol. 17 No. 3, pp. 191-206.
- Colbert, A., Yee, N. and George, G. (2016). The digital workforce and the workplace of the future. *Academy of Management Journal*, Vol. 59 No. 3, pp. 731-739.
- Collis, D. (2016). Lean strategy. Harvard Business Review, Vol. 94 No. 3, pp. 62-68.
- Conway, E. and Monks, K. (2011). Change from below: The role of middle managers in mediating paradoxical change. *Human Resource Management Journal*, Vol. 21 No. 2, pp. 190-203
- Cruz, J. and Wang, H. (2018). An examination of the lean leadership practices in the supply chain management. Available at SSRN 3135595. https://doi.org/10.2139/ssrn.3135595

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ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

Email: contact@americaserial.com
Official Journal of America Serial Publication

- Currie, G. and Procter, S. (2005). The antecedents of middle managers' strategic contribution: The case of a professional bureaucracy. *Journal of Management Studies*, Vol. 42 No. 7, pp. 1325-1356.
- Dawson, P. (2019). Reshaping change: A processual perspective. Routledge, Abingdon.
- De Man, A-P., Koene, P. and Ars, M. (2019). How to survive the organizational revolution. BIS Publishers, Amsterdam.
- De Smet, A. (2018). The agile manager. *The McKinsey Quarterly*, Vol. 3, pp. 76-81.
- Denham, N., Ackers, P. and Travers, C.T. (1997). Doing yourself out of a job? How middle managers cope with empowerment. *Employee Relations*, Vol. 19 No. 2, pp. 147-159.
- Denning, S. (2016). How to make the whole organization "Agile". *Strategy & Leadership*, Vol. 44 No. 4, pp. 10-17.
- Dombrowski, U. and Karl, A. (2017). Lean product development for small and medium-sized suppliers. *Procedia CIRP*, Vol.63, pp. 615-620.
- Dopson, S. and Stewart, R. (1990). What is happening to middle management? *British Journal of Management*, Vol. 1 No1, pp. 3-16.
- Dopson, S. and Stewart, R. (1993). Information technology, organizational restructuring and the future of middle management. *New technology, work, and employment*, Vol. 8 No. 1, pp. 10-20.
- Duan, Y., Edwards, J.S. and Dwivedi, Y.K. (2019). Artificial intelligence for decision making in the era of Big Data—evolution, challenges and research agenda. *International Journal of Information Management*, Vol. 48, pp. 63-71.
- Eddy, P.L. and Amey, M.J. (2018). Leading in the middle. In: *Understanding Community Colleges* (pp. 203-225). Routledge, Abingdon.
- Emiliani, M.L. (2006). Origins of lean management in America: the role of Connecticut businesses. *Journal of management History*, Vol. 12 No. 2, pp. 167-184.
- Fenton-O'Creevy, M. (1998). Employee involvement and the middle manager: Evidence from a survey of organizations. *Journal of Organizational Behavior*, Vol. 19 No. 1, pp. 67-84.
- Fenton-O'Creevy, M. (2001). Employee involvement and the middle manager: Saboteur or scapegoat? *Human Resource Management Journal*, Vol. 11 No.1, pp. 24-40.
- Floyd, S.W. and Lane, P.J. (2000). Strategizing throughout the organization: Managing role conflict in strategic renewal. *Academy of Management Review*, Vol. 25 No. 1, pp. 154-177.

American Journal of Information Technology and Management https://americaserial.com/Journals/index.php/AJITM, Email: contact@americaserial.com

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Floyd, S.W. and Wooldridge, B. (1992). Middle management involvement in strategy and its association with strategic type: A research note. *Strategic Management Journal*, Vol.13, Special Issue "Strategy Process: Managing Corporate Self-Renewal". pp. 153-167.
- Floyd, S.W. and Wooldridge, B. (1997). Middle management's strategic influence and organizational performance. *Journal of Management Studies*, Vol. 34 No. 3, pp. 465-485.
- Foster, W.M., Hassard, J.S., Morris, J. and Wolfram Cox, J. (2019). The changing nature of managerial work: The effects of corporate restructuring on management jobs and careers. *Human Relations*, Vol. 72 No. 3, pp. 473-504.
- Found, P.A. and Harvey, R. (2006). The role of leaders in the initiation and implementation of manufacturing process change. *The International Journal of Knowledge & Change Management*, Vol. 6 No. 8, 35-46.
- Galbraith, M. (2018, October). Don't just tell employees organizational changes are coming Explain why. *HBR.org* digital article. Retrieved from: https://hbr.org/2018/10/dont-just-tell-employees-organizationalchanges-are-coming-explain-why
- Gandolfi, F. and Stone, S. (2018). Leadership, leadership styles, and servant leadership. *Journal of Management Research*, Vol. 18 No. 4, pp. 261-269.
- Garvin, D. (2013). How Google sold its engineers on management. *Harvard Business Review*, Vol. 91 No. 12, pp. 74–82.
- Gilley, A., Gilley, J.W. and McMillan, H.S. (2009). Organizational change: Motivation, communication, and leadership effectiveness. *Performance improvement quarterly*, Vol. 21 No. 4, pp.75-94.
- Gjerde, S., & Alvesson, M. (2020). Sandwiched: Exploring role and identity of middle managers in the genuine middle. *Human Relations*, Vol. 73 No. 1, pp. 124-151.
- Glaser, L., Stam, W. and Takeuchi, R. (2016). Managing the risks of proactivity: A multilevel study of initiative and performance in the middle management context. *Academy of Management Journal*, Vol. 59 No. 4, pp. 13391360.
- Gratton, L. (2011). The end of the middle manager. Harvard Business Review, Vol. 89 No 1-2, p. 36.
- Gratton, L. (2016). Rethinking the manager's role. MIT Sloan Management Review, Vol. 58, pp. 8-9.
- Griffith, J.A., Baur, J.E. and Buckley, M.R. (2019). Creating comprehensive leadership pipelines: Applying the real options approach to organizational leadership development. *Human Resource Management Review*, Vol. 29 No. 3, pp. 305-315.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Groskovs, S. and Ulhøi, J. P. (2019). The middle manager in search of business model innovation. *Journal of Business Strategy*, Vol. 40 No. 4, pp. 3-10.
- Guth, W.D. and MacMillan, I.C. (1986). Strategy implementation versus middle management self-interest. *Strategic Management Journal*, Vol. 7 No. 4, pp. 313-328.
- Hamel, G. (2011). First, let"s fire all the managers. *Harvard Business Review*, Vol. 89 No. 12, pp. 48-60.
- Hammer, M. (2004). Deep change. Harvard Business Review, Vol. 82 No. 4, pp. 84-93.
- Hammer, M. and Champy, J. (1993). *Reengineering the corporation: A manifesto for business revolution*. HarperBusiness, New York.
- Han, Y., Wang, M. and Dong, L. (2014). Role conflict and the buffering effect of proactive personality among middle managers. *Social Behavior and Personality: an international journal*, Vol. 42 No. 3, pp. 473-486.
- Harding, N., Lee, H. and Ford, J. (2014). Who is "the middle manager"? *Human relations*, Vol. 67 No. 10, pp. 12131237.
- Harrington, D. and Williams, B. (2004). Moving the quality effort forward the emerging role of the middle manager. *Managing Service Quality*, Vol. 4 No. 4, pp. 297-306.
- Hayes, A. (2008). The impact of cuts to middle management on control environments the importance of effective monitoring of controls; brainstorming for management override. *The Journal of Government Financial Management*, Vol. 57 No. 3, pp. 60-62.
- Heavin, C. and Power, D.J. (2018). Challenges for digital transformation towards a conceptual decision support guide for managers. *Journal of Decision Systems*, Vol. 27, pp. 38-45.
- Hermkens, F.J.A., Dolmans, S.A.M. and Romme, A.G.L. (2017). The role of middle managers in becoming Lean: A systematic review and synthesis of the literature. *Journal of Economics, Management & Trade*, Vol. 20 No. 1, pp. 1-17.
- Hermkens F.J.A., Dolmans, S.A.M. and Romme, A.G.L. (2019). A vignette study of middle managers" responses to continuous improvement initiatives by top management. *International Journal of Business and Social Science*, Vol. 10 No. 6, pp 100-115.
- Hermkens, F.J.A., Romme, A. G. L. S. and Dolmans, S. A. M. (2020). An exploratory study of Middle Manager's Roles in continuous Improvement. *International Business Research*. Vol. 13 No. 5, pp. 9-30.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Herzig, S. and Jimmieson, N. (2006). Middle managers' uncertainty management during organizational change. *Leadership & Organization Development Journal*, Vol. 27 No. 8, pp. 628-645.
- Heyden, M.L., Fourné, S.P., Koene, B.A., Werkman, R. and Ansari, S. (2017). Rethinking "top_down" and "bottom- up"roles of top and middle managers in organizational change: Implications for employee support. *Journal of Management Studies*, Vol. 54 No. 7, pp. 961-985.
- Heyden, M.L., Sidhu, J.S. and Volberda, H.W. (2018). The conjoint influence of top and middle management characteristics on management innovation. *Journal of Management*, Vol. 44 No. 4, pp. 1505-1529
- Hirt, M. and Willmott, P. (2014). Strategic principles for competing in the digital age. *McKinsey Quarterly*, Vol. 5 No. 1, pp. 1-13.
- Hirte, R. and Sieger, S. (2018, March). Middle managers' role in the implementation of a corporate incubator. In:
- ISPIM Innovation Symposium (pp. 1-11). The International Society for Professional Innovation Management (ISPIM).
- Holden, L. and Roberts, I. (2004). The depowerment of European middle managers: Challenges and uncertainties. *Journal of Managerial Psychology*, Vol. 19 No. 3, pp. 269-287.
- Holmemo, M.D.-Q. and Ingvaldsen J.A. (2016). Bypassing the dinosaurs? How middle managers become the missing link in lean implementation. *Total Quality Management & Business Excellence*, Vol. 27 No. 11-12, pp. 1332-1345.
- Hout, T.M. (1999). Are managers obsolete? Harvard Business Review, Vol. 77 No. 2, 161-167.
- Huy, Q. (2001). In praise of middle managers. Harvard Business Review, Vol. 79 No. 8, pp. 72-79.
- Jacobs, E. (2015, October 22). Identity crisis of the middle manager. *Financial Times*. Retrieved from: https://www.ft.com/content/6cdb1e0e-765b-11e5-a95a-27d368e1ddf7
- Jarrahi, M. H. (2018). Artificial intelligence and the future of work: Human-AI symbiosis in organizational decision making. *Business Horizons*, Vol. 61 No. 4, pp. 577-586.
- Jørgensen, F., Boer, H. and Gertsen, F. (2003). Jump-starting continuous improvement through self-assessment. *International Journal of Operations & Production Management*, Vol. 23 No. 10, pp. 1260-1278.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Jørgensen, F., Laugen, B.T. and Boer, H. (2007). Human resource management for continuous improvement. *Creativity and Innovation Management*, Vol. 16 No. 4, pp. 363-375.
- Keyser, R. S., Sawhney, R.S. and Marella, L. (2016). A management framework for understanding change in a lean environment. *Tékhne*, Vol. 14 No. 1, pp. 31-44.
- Koene, B.A.S. (2017). Rethinking managerial roles in change initiatives. *RSM Discovery Management Knowledge*, Vol. 30 No. 2, pp. 11–13.
- Kolbjørnsrud, V., Amico, R. and Thomas, R.J. (2017). Partnering with AI: How organizations can win over skeptical managers, *Strategy & Leadership*, Vol. 45 No. 1, pp. 37-43.
- Kumar, K.N. and Balaramachandran, P.R. (2018). Robotic process automation a study of the impact on customer experience in retail banking industry. *Journal of Internet Banking and Commerce*, Vol. 23 No. 3, pp. 1-27.
- Kumar S.V. and Mukherjee, S. (2018). Holacracy the future of organizing? The case of Zappos. *Human Resource Management International Digest*, Vol. 26 No. 7, pp. 12-15.
- Kuyvenhoven, R. and Buss, W.C. (2011). A normative view of the role of middle management in the implementation of strategic change. *Journal of Management and Marketing Research*, Vol. 8 No. 1, pp. 1-14.
- Lam, M., O'Donnell, M. and Robertson, D. (2015). Achieving employee commitment for continuous improvement initiatives. *International Journal of Operations & Production Management*, Vol. 35 No. 2, pp. 201205.
- Lawrence, P.R. and Lorsch, J.W. (1967). New management job: The integrator. *Harvard Business Review*, Vol. 45 No. 6, pp. 1-18
- Lazear, E.P. (2004). The Peter Principle: A theory of decline. *Journal of Political Economy*, Vol. 112, pp. 141-163.
- Lee, M.Y. and Edmondson, A.C. (2017). Self-managing organizations: Exploring the limits of less-hierarchical organizing. *Research in Organizational Behavior*, Vol. 37, pp. 35-58.
- Lee, S.M., Olson, D.L. and Trimi, S. (2012). Co-innovation: Convergenomics, collaboration, and co-creation for organizational values. *Management Decision*, Vol. 50 No. 5, pp. 817-831.
- Liker, J.K. (2004) The Toyota Way, 14 Management Principles from the World's Greatest Manufacturer. McGraw-Hill, New York.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

Email: contact@americaserial.com Official Journal of America Serial Publication

- Lilian, S. C. (2014). Virtual teams: Opportunities and challenges for e-leaders. *Procedia-Social and* Behavioral Sciences, Vol. 110, pp. 1251-1261.
- Livijn, M. (2019). Navigating in a hierarchy: How middle managers adapt macro design. Journal of *Organization Design*, Vol. 8 No. 1, pp.1-27.
- Lleo, A., Viles, E., Jurburg, D. and Lomas, L. (2017). Strengthening employee participation and commitment to continuous improvement through middle manager trustworthy behaviours. Total Quality Management & Business Excellence, Vol. 28 No. 9-10, pp. 974-988.
- Lobo, S. R., Samaranayake, P. and Subramanian, N. (2019). The impact of TQM and information communication technology (ICT) as an enabler in the quality management assessment framework (QMAF) on business outcomes. International Journal of Systems Science: Operations & Logistics, Vol. 6 No. 1, pp. 69-85.
- Lodgaard, E., Ingvaldsen, J.A., Gamme, I. and Aschehoug, S. (2016). Barriers to lean implementation: Perceptions of top managers, middle managers and workers. *Procedia CIRP*, Vol. 57, pp. 595-600.
- Madakam, S., Holmukhe, R.M. and Jaiswal, D.K. (2019). The future digital work force: Robotic Process Automation (RPA). Journal of Information Systems and Technology Management, Vol. 16. pp. 1-18.
- Madhani, P.M. (2017). Customer-focused supply chain strategy: Developing business value-added framework. IUP Journal of Supply Chain Management, Vol. 14 No. 4, pp. 7-22.
- Marlow, S.L., Lacerenza, C.N. and Salas, E. (2017). Communication in virtual teams: A conceptual framework and research agenda. Human Resource Management Review, Vol. 27 No. 4, 575-589.
- McCann, L., Morris, J. and Hassard, J. (2008). Normalized intensity: The new labour process of middle management. Journal of Management Studies, Vol. 45 No. 2, pp. 343-371.
- McKinney, R., McMahon, M. and Walsh, P. (2013). Danger in the middle: Why midlevel managers aren"t ready to lead. Harvard Business School Publishing, pp. 1-8.
- Mims, C. (2015, April). Data is now the new middle manager. Wall Street Journal, Retrieved: from: https://www.wsj.com/articles/data-is-the-new-middle-manager-1429478017 Mintzberg, H. (1989). *Mintzberg on Management*. Free Press, New York.
- Mora, J.N.C. (2014). Continuous improvement strategy. European Scientific Journal, Vol. 10 No. 34, pp. 117-126.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

Email: contact@americaserial.com
Official Journal of America Serial Publication

- Moss Kanter, R. (1982). The middle manager as innovator. *Harvard Business Review*, Vol. 60 No. 4, pp. 95-106.
- Munteanu, A. and Raţiu, L. (2018). The manager as coach: Cross-cultural adaptation of an instrument assessing managers" coaching skills. *Journal of Rational-Emotive & Cognitive-Behavior Therapy*, Vol. 36 No. 4, pp. 303319.
- Näslund, D. (2013). Lean and six sigma critical success factors revisited. *International Journal of Quality and Service Sciences*, Vol. 5 No. 1, pp. 86-100.
- Neilson, J., Pritchard, B. and Wai-chung Yeung, H. (2014). Global value chains and global production networks in the changing international political economy: An introduction. *Review of International Political Economy*, Vol. 21 No. 1, pp. 1-8.
- Netland, T.H., Powell, D.J. and Hines, P. (2019). Demystifying lean leadership. *International Journal of Lean Six Sigma*. https://doi.org/10.1108/IJLSS-07-2019-0076
- Neumann, J.E., James, K.T. and Vince, R. (2019). Key tensions in purposive action by middle managers leading change. *Organizational Change and Development*, Vol. 27, pp. 111-142.
- Nicula, D. and Ghimişi, S.S. (2019). Command and control vs self management. In: *IOP Conference Series: Materials Science and Engineering*, Vol. 514 No. 1, IOP Publishing.
- Nonaka, I. (1994). A dynamic theory of knowledge creation. *Organization Science*, Vol. 5 No. 1, pp. 14-37.
- North, K. and Kumta, G. (2018) Knowledge work(ers) in the digital age. In: *Knowledge Management*. Springer Texts in Business and Economics. Springer, Cham.
- Nyhuis, P., Schulze, C. and Klemke, T. (2010). Lean enablers An approach to design Lean factories. Proceedings of *Global Management, Accounting and Finance Research Conference, The Business Review*, Vol. 16 No. 1, pp. 113119.
- Oreg, S., Vakola, M. and Armenakis, A. (2011). Change recipients" reactions to organizational change: A 60-year review of quantitative studies. *The Journal of Applied Behavioral Science*, Vol. 47 No. 4, pp. 461-524.
- Osterman, P. (2008). The truth about middle managers. Harvard Business Press, Boston.
- Pistrui, J. and Dimov, D. (2018, October). The role of a manager has to change in 5 key ways. *Harvard Business Review Digital Articles*, retrieved from https://hbr.org/2018/10/the-role-of-a-manager-has-to-change-in-5key-ways

American Journal of Information Technology and Management https://americaserial.com/Journals/index.php/AJITM, Email: contact@americaserial.com

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Psychogios, A., Wilkinson, A. and Szamosi, L. (2009). Getting to the heart of the debate: TQM and middle manager autonomy. *Total Quality Management & Business Excellence*, Vol. 20 No. 4, pp. 445-466.
- Radaelli, G. and Sitton_Kent, L. (2016). Middle managers and the translation of new ideas in organizations: A review of micro_practices and contingencies. *International Journal of Management Reviews*, Vol. 18 No. 3, pp. 311-332.
- Realin, J.D. and Cataldo, C.G. (2011). Whither middle management? Empowering interface and the failure of organizational change. *Journal of Change Management*, Vol. 11 No. 4, pp. 481-507.
- Rigby, D.K., Sutherland, J. and Takeuchi, H. (2016). Embracing agile. *Harvard Business Review*, Vol. 94 No. 5, pp. 40-50.
- Romme, A.G.L. (2015, October). The big misconceptions holding holacracy back. *Harvard Business Review Digital Articles*, retrieved from https://hbr.org/2015/09/the-big-misconceptions-holding-holacracy-back
- Romme, A.G.L. (2017). Management as a science-based profession: A grand societal challenge. *Management Research Review*, Vol. 40 No. 1, pp. 5-9.
- Rost, M., Sonnenmoser, E. and Renzl, B. (2019). Social Networking: The crucial role of R&D middle managers in facilitating ambidexterity and coping with digital transformation. *Journal of Competences, Strategy & Management*, Vol. 10, pp. 107-137.
- Rouleau, L. and Balogun, J. (2011). Middle managers, strategic sensemaking, and discursive competence. *Journal of Management Studies*, Vol. 48 No. 5, pp. 953-983.
- Saha, N., Gregar, A. and Sáha, P. (2017). Organizational agility and HRM strategy: Do they really enhance firms' competitiveness? *International Journal of Organizational Leadership*, Vol. 6 No. 3, pp. 323-334.
- Schaffer, R. H. (2017, October). All management is change management. *Harvard Business Review Digital Articles*, retrieved from https://hbr.org/2017/10/all-management-is-changemanagement
- Sim, K. and Rogers, J. (2009), "Implementing lean production systems: barriers to change", Management Research News, Vol. 32 No. 1, pp. 37-49.
- Sims, D. (2003). Between the millstones: A narrative account of the vulnerability of middle managers' storying. *Human Relations*, Vol. 56 No. 10, pp. 1195-1211.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Snee, R. (2010). Lean Six Sigma getting better all the time. *International Journal of Lean Six Sigma*, Vol. 1 No. 1, pp. 9-29.
- Spreitzer, G.M. and Quinn, R.E. (1996). Empowering middle managers to be transformational leaders. *The Journal of Applied Behavioral Science*, Vol. 32 No. 3, pp. 237-261.
- Steiber A. and Alänge S. (2016). The world ss changing. In: *The Silicon Valley Model. Management for Professionals*. Springer, Cham.
- Stoker, J. (2005). Leiderschap in verandering [Leadership in change]. *Gedrag en organisatie*, Vol. 18 No. 5, pp. 277293.
- Stoker, J. (2006). Leading middle management: Consequences of organisational changes for tasks and behaviours of middle managers. *Journal of General Management*, Vol. 32 No. 1, pp. 31-42.
- Stoker, J. and de Korte, T. (2001). *Het Onmisbare Middenkader* [*The Indispensable Middle Management*], 2nd edition. Van Gorcum, Assen.
- Stone, D.L., Deadrick, D.L., Lukaszewski, K.M. and Johnson, R. (2015). The influence of technology on the future of human resource management. *Human Resource Management Review*, Vol. 25 No. 2, pp. 216-231.
- Sull, D. (2009). How to thrive in turbulent markets. *Harvard Business Review*, Vol. 87 No. 2, pp.78-88.
- Tabrizi, B. (2014, October). The key to change is middle management. *Harvard Business Review Digital Articles*, Retrieved from https://hbr.org/2014/10/the-key-to-change-is-middle-management
- Tarakci, M., Ateş, N.Y., Floyd, S.W., Ahn, Y. and Wooldridge, B. (2018). Performance feedback and middle managers" divergent strategic behavior: The roles of social comparisons and organizational identification. *Strategic Management Journal*, Vol. 39 No. 4, pp. 1139-1162.
- Tarakci, M., Greer, L.L. and Groenen, P.J. (2016). When does power disparity help or hurt group performance? *Journal of Applied Psychology*, Vol. 101 No. 3, pp. 415-429.
- Theodore, W., Kasali, R., Balqiah, T.E. and Sudhartio, L. (2017). The role of perceived managerial discretion on strategy implementation and its implications on organizational performance: A conceptual model.
- Advances in Economics, Business and Management Research, Vol. 36, pp. 358-368

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

- Tinline, G. and Cooper, C. (2016). *The outstanding middle manager: How to be a healthy, happy, high-performing mid-level manager*. Kogan Page, Philidelphia, PA.
- Townsend, K and Dundon, T. (2015). Understanding the role of line managers in employment relations in the modern organisation. *Employee Relations*, Vol. 37 No. 4, pp. 1-10.
- Uyterhoeven, H. (1989). General Managers in the Middle, *Harvard Business Review*, Vol. 67 No. 5, pp. 136-145.
- Van Assen, M.F. (2018). Exploring the impact of higher management"s leadership styles on Lean management. *Total Quality Management & Business Excellence*, Vol. 29 No. 11-12, pp. 1312-1341
- Van der Voet, J., Kuipers, B.S. and Groeneveld, S. (2016). Implementing change in public organizations: The relationship between leadership and affective commitment to change in a public sector context. *Public Management Review*, Vol. 18 No. 6, pp. 842-865.
- Van Olffen, W., Maas, R. and Visser, W. (2019). *Engage! Travel guide for change adventures*. Warden Press, Amsterdam.
- Van Rensburg, M.J., Davis, A. and Venter, P. (2014). Making strategy work: The role of the middle manager. *Journal of Management & Organization*, Vol. 20 No. 2, pp. 165-186.
- Velinov, E., Vassilev, V. and Denisov, I. (2018). Holacracy and obliquity: Contingency management approaches in organizing companies. *Problems and Perspectives in Management*, Vol. 16 No. 1, pp. 330-335.
- Wagner, M., Heil, F., Hellweg, L. and Schmedt, D. (2019). Working in the digital age: Not an easy but a thrilling one for organizations, leaders and employees. *Future Telco* (pp. 395-410). Springer, Cham.
- Wesche, J.S. and Sonderegger, A. (2019). When computers take the lead: The automation of leadership. *Computers in Human Behavior*, 101, 197-209.
- Whitehurst, J. (2015, May). Despite what Zappos says, middle managers still matter. *Harvard Business Review Digital Articles*, Retrieved from https://hbr.org/2015/05/despite-what-zappos-says-middle-managers-still-matter
- Wooldridge, B., Schmidt, T. and Floyd, S. (2008). The middle management perspective on strategy process: Contributions, synthesis, and future research. *Journal of Management*, Vol. 34 No. 6, pp. 1190-1221.

Volume 11 Issue 1, January-March 2023

ISSN: 2837-1038 Impact Factor: 7.40

Journal Homepage: https://americaserial.com/Journals/index.php/AJITM,

Email: contact@americaserial.com
Official Journal of America Serial Publication

Zenger, J. and Folkman, J. (2014, November). Why middle managers are so unhappy. *HBR.org* digital article. Retrieved from: https://hbr.org/2014/11/why-middle-managers-are-so-unhappy