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**THE IMPACT OF THE LEADERSHIP STYLES ON CRISIS
MANAGEMENT: A STUDY AT YEMEN PRIVATE AND PUBLIC
INSTITUTIONS**

By



**Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business,
Universiti Utara Malaysia, In Fulfilment of the Requirement for
Master of Science Management**

2016



Pusat Pengajian Pengurusan Perniagaan
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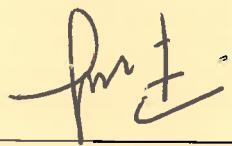
: The Impact Of The Leadership Styles On Crisis Management: A Study At Yemen Private And Public Institutions

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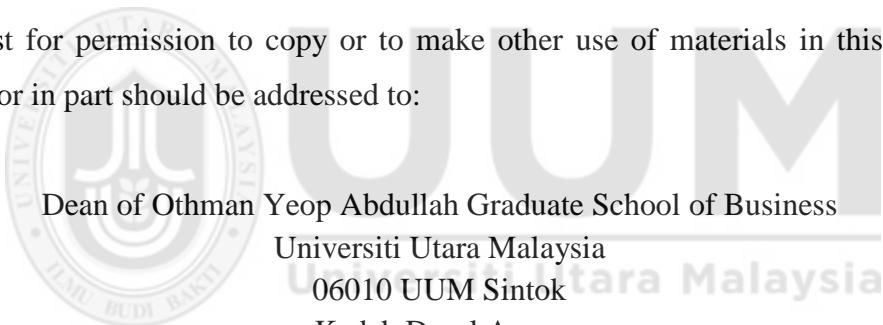


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ABSTRACT

Crisis management plays an essential role in an organization to conduct its daily activities, where crisis has to be managed. However, choosing the proper leadership style is the main challenge to avoid disastrous consequences during the current crisis situation in Yemen. Therefore, the main objective of the study was to determine the influence of leadership styles in terms of transformational, transactional and charismatic leadership styles on crisis management in the Yemeni private and public institutions. The study further aimed to determine the most influential leadership style on crisis management. In order to achieve the objectives of the study, a quantitative method was applied and the data were collected from 297 middle managers in the Yemeni private and public institutions. Regression test was used to investigate the relationship between the leadership styles and crisis management as well as to determine the most influential leadership styles on crisis management. The results indicated that transformational, transactional and charisma leadership styles were found to have positive influences on crisis management. Furthermore, the results also indicated that transactional leadership was the best predictor and the most influential factor on crisis management in Yemeni private and public institutions. This was followed by charisma and transformational leadership styles, respectively. Overall, this study has provided a valuable contribution to the body of knowledge in the fields of leadership styles and crisis management. Future research is recommended to focus on the dimensions of the transformational leadership styles and crisis management stages for more specific outcomes.

Keywords: Crisis Management, Transformational leadership, Transactional leadership, Charisma leadership.

ABSTRACT

Pengurusan krisis memainkan peranan yang penting bagi sebuah organisasi dalam melaksanakan aktiviti hariannya, di mana krisis perlu diuruskan. Walau bagaimanapun, memilih gaya kepimpinan yang betul merupakan cabaran utama bagi mengelakkan kesan buruk dalam situasi krisis semasa di Yaman. Oleh itu, objektif utama kajian ini adalah untuk menentukan pengaruh gaya kepimpinan dari segi gaya kepimpinan transformasi, transaksi dan berkarisma dalam pengurusan krisis di institusi awam dan swasta Yaman. Kajian ini selanjutnya bertujuan untuk menentukan gaya kepimpinan yang paling berpengaruh terhadap pengurusan krisis. Bagi mencapai objektif kajian, kaedah kuantitatif telah digunakan dan data telah dikumpulkan daripada 297 pengurus peringkat pertengahan di institusi awam dan swasta Yaman. Ujian regresi digunakan untuk mengkaji hubungan antara gaya kepimpinan dan pengurusan krisis, serta menentukan gaya kepimpinan yang paling mempengaruhi pengurusan krisis. Hasil kajian menunjukkan bahawa gaya kepimpinan transformasi, transaksi dan berkarisma didapati mempunyai pengaruh yang positif ke atas pengurusan krisis. Selain itu, dapatan kajian juga menunjukkan bahawa kepimpinan transaksi adalah peramal yang terbaik dan merupakan faktor yang paling banyak mempengaruhi pengurusan krisis di Yaman. Ini diikuti oleh gaya kepimpinan berkarisma dan transformasi. Secara keseluruhan, kajian ini telah memberikan sumbangan yang bernilai kepada institusi ilmu dalam bidang gaya kepimpinan dan pengurusan krisis. Kajian akan datang dicadangkan untuk memberi tumpuan kepada dimensi gaya kepimpinan dan peringkat-peringkat pengurusan krisis transformasi untuk mendapatkan hasil yang lebih khusus.

Kata kunci: Pengurusan krisis, kepimpinan transformasi, kepimpinan transaksi, kepimpinan berkarisma.

ACKNOWLEDGEMENTS

In the Name of Allah, the Most Gracious, the Most Merciful. Praise to Allah S.W.T. for granted me strength, courage, patience and inspirations in completing this work.

I wish to express my sincere appreciation to my supervisor; Dr. Abdul Manaf Bin BOHARI for guiding me constantly towards the completion of this study. Thank you, Prof. for your guidance, motivation, support, critical insight, beneficial feedback, and patience, you are truly exceptional.

My extended appreciation goes to Dr, Sami Mohammed ALHADERI for his valuable guidance, critical insight, encouragement and support to finish this study. I would also like to thank Dr. Ibrahim Almatari for his kind assistance.

I am grateful to human resource managers in ministries and private companies for their kind assistance during data collection. Also, a special thanks to my best sister and her daughter Shima Alsrouri, as well as Mr. Mohammed Alshehari, who helped me during data collection. In addition, to all academic and administrative staff at the College of Business, thank you for your assistance. Finally, to my wife and my daughter, Meera, thank you for your patience and support while I was busy with study.

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LIST OF ABBREVIATIONS

BR	Business Recovery
CEO	Chief Executive Officer
CFO	Chief Financial Officer
CM	Crisis management
CMP	Crisis management plan
CMT	Crisis management team
CR	Contingent Reward
DC	Damage Containment
IC	Individual Consideration
IIA	Idealized Influence-Attributed
IIB	Idealized Influence-Behaviour
IM	Inspirational Motivation
IS	Intellectual Stimulation
KMO	Kaser-Meyer-Olkin
LR	Learning
MBEA	Management-by-Exception-Active
MBEP	Management-by-Exception-Passive
MLQ	Multifactor Leadership Questionnaire
PP	Preparation/Prevention
PPRR	Prevention, preparedness, response, recovery
PR	Personal risk
SCCT	Situational Crisis Communication Theory
SD	Signal Detection
SE	Sensitivity to the environment
SMEs	Small and medium-sized enterprises
SMN	Sensitivity to members' needs
SPSS	Statistical Package for Social Science
SVA	Strategic vision and articulation
TF L	Transformational Leadership
TSL	Transactional Leadership
UB	Unconventional behaviour
UNDP	United Nations Development Programme

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CHAPTER 1

INTRODUCTION

1.1. BACKGROUND

Crisis management is an integrated and comprehensive on-going effort that organizations effectively placed it in an attempt to understand and prevent a crisis, and to effectively manage it, taking into consideration in each step the planning and training activities, and the interest of the stakeholders (Santana, 2004). However, despite the importance of crisis management for organizational success and survival, particularly in today's highly ever-changing environment, there are many indicators which reflected the lack of proper managing and implementing the issue of crisis management. For example, the deterioration of the public and private sector during the crisis of 2011 in Yemen up to date and the estimation of the private sector's losses are about US\$8– 17 billion from December 2010 to August 2011(IMF, 2014).

In addition, the cut down of the Gross domestic product (GDP) is estimated around 15 percent, beside the impact of the crisis on the public sector, practically, the employees have experienced the delay of payroll of salaries; displacement of staff from governorates and a reduction in real salaries due to very high inflation (World Bank, 2012). As a result of that, the crisis context has dominated the Arab scene, assistance by the absence of strategies and crisis management mechanisms and tools to control those crises, relying on individual urgent and temporary passive solutions, dealing and interacted emotionally with crisis, (Rashid, 2013). Therefore, crisis management is considered one of the means of controlling and reducing of crisis consequences,

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REFERENCES

- Abdel Nasser, Almoadie. (2015). Yemeni crisis in light of the extended Houthis: roots and possible scenarios. *Middle Eastern Studies Journal*, 18 (70), 13-53.
- Ahmad, H., & Gelaidan, H. M. (2011). Organizational culture, leadership styles and employee's affective commitment to change: A case of Yemen public sector. *The Journal of Organizational Management Studies*, 2011(2011), 1-10.
- Alesina, A., Özler, S., Roubini, N., & Swagel, P. (1996). Political instability and economic growth. *Journal of Economic growth*, 1(2), 189-211.
- Alghamdi, F. (2013). Crisis Readiness in Public Organizations in Al-Baha Province, Saudi Arabia. *A multidisciplinary journal of global macro trends*, 2(6), 8-17.
- Alsamaray, Hussain A. sinjar. (2014). Impact of Leadership Styles on Crisis Management According to Module H. *European Journal of Business and Management*, 6(2,), 37 -44.
- Al-Sharani, Saad, A. (2005). Security crisis management operations, Riyadh, Saudi: Naif Arab University for Security Science.
- Antonakis, J., & Atwater, L. (2002). Leader distance: A review and a proposed theory. *The Leadership Quarterly*, 13(6), 673-704.
- Armandi, B., Oppedisano, J., & Sherman, H. (2003). Leadership theory and practice: a “case” in point. *Management Decision*, 41(10), 1076-1088.
- Avolio, B. J., & Bass, B. M. (2002). Developing potential across a full range of leadership: cases on transactional and transformational leadership. Mahwah, New Jersey, USA: Lawrence Erlbaum Associates Publishers.
- Avolio, B. J., & Bass, B. M. (2004). Multifactor leadership questionnaire, manual and sampler (3rd Ed.). Redwood City, California, USA: Mind Garden.
- Barbuto, J. E. (2005). Motivation and transactional, charismatic, and transformational leadership: A test of antecedents. *Journal of Leadership & Organizational Studies*, 11(4), 26-40.
- Bass, B. M. (1985). Leadership and performance beyond expectations: Free Press New York.
- Bass, B. M., Avolio, B. J., & Goodheim, L. (1987). Biography and the assessment of transformational leadership at the world-class level. *Journal of management*, 13(1), 7-19.

- Bass, Bernard. M. & B. J. Avolio (1994). Transformational leadership and organizational culture. *The International Journal of Public Administration*, 17(3-4): 541-554.
- Bass, Bernard. M. (1990). From transactional to transformational leadership: Learning to share the vision. *Organizational Dynamics*, 18(3), 19-31.
- Bass, Bernard. M. (1998). Transformational leadership: Industry, military, and educational impact, Mahwah, New Jersey, USA: Lawrence Erlbaum.
- Bass, B. M., Avolio, B. J., Jung, D. I., & Berson, Y. (2003). Predicting unit performance by assessing transformational and transactional leadership. *Journal of applied psychology*, 88(2), 207.
- Boin, A., & Paul't Hart. (2003). Public leadership in times of crisis: mission impossible?. *Public Administration Review*, 63(5), 544-553.
- Boin, A., Hart, P. T., McConnell, A., & Preston, T. (2010). Leadership style, crisis response and blame management: The case of Hurricane Katrina. *Public Administration Review*, 88(3), 706-723.
- Bommer, W. H., Rich, G. A., & Rubin, R. S. (2005). Changing attitudes about change: Longitudinal effects of transformational leader behavior on employee cynicism about organizational change. *Journal of Organizational Behavior*, 26(7), 733-753.
- Bra oveanu, I. V., & Bra oveanu, L. O. (2009). The analysis of macroeconomic context for European Union countries in 2009. Romania: Babes-Bolyai University.
- Braverman, M. (2003). Managing the human impact of crisis. *Risk Management*, 50(5), 10-15.
- Brungardt, K. A. (2013). Crisis Management at Employee Choice Credit Union: The Importance and Financial Impact. The College of St. Scholastica, Duluth, Minnesota, USA.
- Bryman, A. (1993). Charismatic leadership in business organizations: Some neglected issues. *The Leadership Quarterly* 4(3): 289-304.
- Burns, J. M. (1978). Leadership. New York: Harper and Row Publishers.
- Burns, J. M. (2003). Transforming leadership: A new pursuit of happiness . New York: Grove Press.
- Bycio, P., Hackett, R. D., & Allen, J. S. (1995). Further assessments of Bass's (1985) conceptualization of transactional and transformational leadership. *Journal of*

- applied psychology*, 80(4), 468.
- Canty, Lorita T. (2005). Conceptual assessment: Transformational, transactional and laissez-faire leadership styles and job performances of managers. The University of Hong Kong, Hong Kong.
- Carlijn van den Heuvel. (2010). Effectiveness of transactional leadership in times of uncertainty. Faculty of Economics and Business Administration, Tilburg University Department of Organization & Strategy, Tilburg, Netherlands.
- Chemers, M. (2014). An integrative theory of leadership. California, USA :Psychology Press taylor and francis group.
- Chen, G. Y., & Zhang, J. S. (2011). Analysis on transformational leadership in post-crisis era: Evidence from Jack Welch in GE. In Electronics, Communications and Control (ICECC), 2011 International Conference on (pp. 3117-3120). IEEE.
- Cho, S., & Tseng, P. F. (2009). Leadership in the 2008 Financial Crisis: Understanding Dimensions of Transformational & Transactional Leadership during Financial Crisis in Financial Institutions, Jönköping University. Jönköping International Business School, Torpa, Sweden.
- Christophe, R. D. (2005). A Passion for Imperfections. Revisiting Crisis. The International Handbook of Organizational Crisis Management , New York, USA: Sage Publications.
- CIA. (2014). *Yemen Background – Introduction*, Retrieved on August 14th 2014 From: https://www.cia.gov/library/publications/the-world-factbook/geos/print_ym.html
- Clark, D. (1997). Concept of leadership. Retrieved on March 4th, 2015. From: <http://www.nwlink.com/~donclark/leader/leadcon.html>.
- Coake, S. J., Steed, L., & Dzidic, P. (2006). SPSS Version 13.0 for Windows: Analysis without Anguish. Milton Qld, Australia: John Wiley and Sons Australia.
- Conger, J. A., & Kanungo, R. N. (1994). Charismatic leadership in organizations: Perceived behavioral attributes and their measurement. *Journal of organizational behavior*, 15(5), 439-452.
- Conger, J. A., & Kanungo, R. N. (1998). Charismatic leadership in organizations. Thousand Oaks, California ,USA: Sage Publications.
- Conger, J. A., Kanungo, R. N., & Menon, S. T. (2000). Charismatic leadership and follower effects. *Journal of organizational behavior*, 2(1)747-767.

- Coombs, W. T., & Holladay, S. J. (2008). Comparing apology to equivalent crisis response strategies: Clarifying apology's role and value in crisis communication. *Public Relations Review*, 34(3), 252-257.
- Cooper, D. R., & Schindler, P. S. (2003). Business research methods. (8th ed.). Boston, USA: McGraw-Hill.
- Country Risk Report Yemen. (2015). Instability Terrorism Country Risk Report Yemen.
Retrieved on February 16th, 2015, From : http://www.hthworldwide.com/tools/securityPDF.cfm?cntry_id=198.
- Crandall, W. R., Parnell, J. A., & Spillan, J. E. (2013). Crisis Management: Leading in the New Strategy Landscape. California ,USA: Sage Publications, Incorporated.
- Creswell, J. W. (2013). *Research design: Qualitative, quantitative, and mixed methods approaches*. California, USA: Sage publications.
- Cronstedt, M. (2002). Prevention, preparedness, response, recovery-an outdated concept? *The Australian Journal of Emergency Management*, 17(2), 10-13.
- Darling, J. R. (1994). Crisis management in international business: Keys to effective decision making. *Leadership & Organization Development Journal*, 15(8), 3-8.
- Davis, K. M., & Gardner, W. L. (2012). Charisma under crisis revisited: Presidential leadership, perceived leader effectiveness, and contextual influences. *The Leadership Quarterly*, 23(5), 918-933.
- Devlin, E. S. (2006). Crisis management planning and execution. New York, USA: Auerbach Publications, NY, CRC Press.
- Dubrin, A. J. (2004). Leadership: Research findings, practice, and skills (4th ed.). Boston, USA: Houghton Mifflin Company.
- Fink, S. (2002). Crisis management: Planning for the inevitable (Rev. ed.). Lincoln, NE, USA: iUniverse.
- Galvin, B. M., Balkundi, P., & Waldman, D. A. (2010). Spreading the word: The role of surrogates in charismatic leadership processes. *Academy of Management Review*, 35(3), 477-494.
- Gigliotti, R. J., & Jason, R. C. (1991). Emergency planning for maximum protection. Houston , USA: Gulf Professional Publishing.
- Gonzalez-Herrero, A., & Pratt, C. B. (1995). How to manage a crisis before-or whenever-it hits. *Public Relations Quarterly*, 40(1), 25.

- Hair, J. F., Black, B., Babin, B., Anderson, R. E., & Tatham, R. L. (2010). Multivariate Data Analysis: A Global Perspective, New Jersey, USA: Pearson Education Inc.
- Hair, J. F., Black, W. C., Babin, B. J., Anderson, R. E., & Tatham, R. L. (2006). Multivariate data analysis. Upper Saddle River, New Jersey, USA: Pearson Prentice Hall.
- Halverson, S. K., Murphy, S. E., & Riggio, R. E. (2004). Charismatic Leadership in Crisis Situations A Laboratory Investigation of Stress and Crisis. *Small Group Research*, 35(5), 495-514.
- Harwati, L. N. (2013). Crisis management: Determining specific strategies and leadership style for effective outcomes. *Asian Journal Of Management Sciences And Education*, 2(2) 170-181.
- Hater, J. J., & Bass, B. M. (1988). Superiors' evaluations and subordinates' perceptions of transformational and transactional leadership. *Journal of Applied psychology*, 73(4), 695.
- Heifetz, R. A. (1994). Leadership without easy answers. Massachusetts, USA: Harvard University Press.
- Herbane, B. (2013). Exploring Crisis Management in UK Small-and Medium-Sized Enterprises. *Journal of Contingencies and Crisis Management*, 21(2), 82-95.
- Ho, J. S. Y., Fie, G., Ching, P. W., & Ooi, K. B. (2009). Relationship between the full-range leadership and insurance salesperson's job satisfaction. *International Journal of Business and Management*, 2(1), 43.
- Horsley, J. S., & Barker, R. T. (2002). Toward a Synthesis Model for Crisis Communication in the Public Sector An Initial Investigation. *Journal of Business and Technical Communication*, 16(4), 406-440.
- Howell, J. M., & Avolio, B. J. (1993). Transformational leadership, transactional leadership, locus of control, and support for innovation: Key predictors of consolidated-business-unit performance. *Journal of applied psychology*, 78(6), 891.
- Howell, J. M., & Shamir, B. (2005). The role of followers in the charismatic leadership process: Relationships and their consequences. *Academy of Management Review*, 30(1), 96-112.
- Hutchins, H. M. (2008). Issue Overview: What Does HRD Know About Organizational Crisis Management? *Advances in Developing Human Resources*, 10(3).

International Monetary Fund. (2014). *Republic of Yemen*, Retrieved on February 5th, 2015. <http://www.imf.org/external/pubs/ft/scr/2014/cr14276.pdf>.

Jabouri, Hnaoa. (2011). The impact of leadership attributes in crisis management strategy, a field study of at The Ministry of Electricity Iraq. *The magazine of Economics & Administration*, 34(90) 194-220.

Jacobsen, M. J. (2010). Leadership strategies dealing with crisis as identified by administrators in higher education , Texas A&M University, USA.

James, E. H., & Wooten, L. P. (2005). Leadership as (Un) usual: How to Display Competence in Times of Crisis. *Organizational Dynamics*, 34(2), 141-152.

Jaussi, K. S., & Dionne, S. D. (2003). Leading for creativity: The role of unconventional leader behavior. *The Leadership Quarterly*, 14(4), 475-498.

Jost, K. (2013). Unrest in the Arab world. *CQ Researcher*, 23, 105-132. Retrieved on November 16th, 2014, From :<http://library.cqpress.com/>

Kakavogianni, D. (2009). Charismatic Leadership and its emergence under crisis conditions: A case study from the airline industry. University of York, The York Management School, UK.

Kaltenstadler & Ksiazkiewicz, (2011). The Euro Crisis as a Contemporary Phenomenon: The Impact of Germany's Leadership in the Euro Crisis. Linnaeus University, Faculty of Business, Economics and Design, Smaland, Sweden.

Kark, R., & Shamir, B. (2002). The dual effect of transformational leadership: Priming relational and collective selves and further effects on followers. *Transformational and charismatic leadership: The road ahead*, 7(2), 67-91.

Kash, T. J., & Darling, J. R. (1998). Crisis management: prevention, diagnosis and intervention. *Leadership & Organization Development Journal*, 19(4), 179-186.

Kirkbride, P. (2006). Developing transformational leaders: the full range leadership model in action. *Industrial and commercial training*, 38(1), 23-32.

Kirkpatrick, S. A., & Locke, E. A. (1996). Direct and indirect effects of three core charismatic leadership components on performance and attitudes. *Journal of applied psychology*, 81(1), 36.

Krishnan, V. R. (2002). Transformational leadership and value system congruence. *International Journal of Value-Based Management*, 15(1), 19-33.

Lawler III, E. E., & Worley, C. G. (2011). Management reset: Organizing for

- sustainable effectiveness. USA: John Wiley & Sons.
- Lerbinger, O. (1997). "The crisis management." Facing risk and responsibility. Facing risk and responsibility. Mahwah, New Jersey, USA: Lawrence Erlbaum Associates.
- Levasseur, R. E. (2004). The impact of a transforming leadership style on follower performance and satisfaction: A meta-analysis, Walden University, Washington, USA.
- Limsila, K., & Ogunlana, S. O. (2008). Performance and leadership outcome correlates of leadership styles and subordinate commitment. *Engineering, construction and architectural management*, 15(2), 164-184.
- MacNeil, W., & Topping, K. (2009). Crisis management in schools: evidence based. *The Journal of Educational Enquiry*, 7(1).
- Malhotra, N., & Peterson, M. (2006). Basic Marketing Research; a decision-making approach. New Jersey, USA: Georgia Institute of Technology.
- McColl-Kennedy, J. R., & Anderson, R. D. (2002). Impact of leadership style and emotions on subordinate performance. *The Leadership Quarterly*, 13(5), 545-559.
- Michaelis, B., Stegmaier, R., & Sonntag, K. (2009). Affective commitment to change and innovation implementation behavior: the role of charismatic leadership and employees' trust in top management. *Journal of Change Management*, 9(4), 399-417.
- Míka, V. T., & Ondrušek, M. (2010). Actual problems of crisis management theory. In International Scientific Conference "Management (pp. 17-18).
- Mitroff, I. I. (2005). Why some companies emerge stronger and better from a crisis: 7 essential lessons for surviving disaster. New York, USA: Amacom American Management Association.
- Montana, P. J., & Charnov, B. H. (2008). Management. New York, USA: Barron's Educational Series. Inc.
- Moss, S. A., & Ritossa, D. A. (2007). The impact of goal orientation on the association between leadership style and follower performance, creativity and work attitudes. *Leadership*, 3(4), 433-456.
- Mumford, M. D., Friedrich, T. L., Caughron, J. J., & Byrne, C. L. (2007). Leader cognition in real-world settings: How do leaders think about crises?. *The Leadership Quarterly*, 18(6), 515-543.

- Murphy, S. E., & Ensher, E. A. (2008). A qualitative analysis of charismatic leadership in creative teams: The case of television directors. *The Leadership Quarterly*, 19(3), 335-352.
- Myer, R. A., Conte, C., & Peterson, S. E. (2007). Human impact issues for crisis management in organizations. *Disaster Prevention and Management: An International Journal*, 16(5), 761-770.
- Nguyen, Nam. (2014). History of each Country around the World (Google Books version), Retrieved on September 4th, 2014 from: <https://books.google.com.my/books?id=uNSeAwAAQBAJ&printsec=frontcover#v=onepage&q&f=false>.
- Northouse, P. G. (2001). Leadership: Theory and practice (2nd ed.). Thousand Oaks, California, USA: Sage Publications, Inc.
- Pallant, J. (2007). SPSS survival manual: A step-by-step guide to data analysis using SPSS version 15. Maidenhead, Berkshire, England: McGraw-Hill Education.
- Paraskevas, A., & Altinay, L. (2013). Signal detection as the first line of defence in tourism crisis management. *Tourism Management*, 34(2), 158-171.
- Pearson, C. M., & Clair, J. A. (1998). Reframing crisis management. *Academy of management review*, 23(1), 59-76.
- Pearson, C. M., & Mitroff, I. I. (1993). From crisis prone to crisis prepared: A framework for crisis management. *The academy of management executive*, 7(1), 48-59.
- Phills Jr, J. A. (2005). Leadership matters-or does it. *Leader to leader*, 2005(36), 46.
- Pillai, R. (1996). Crisis and the Emergence of Charismatic Leadership in Groups: An Experimental Investigation1. *Journal of Applied Social Psychology*, 26(6), 543-562.
- Pillai, R., & Meindl, J. R. (1998). Context and charisma: A "meso" level examination of the relationship of organic structure, collectivism, and crisis to charismatic leadership. *Journal of Management*, 24(5), 643-671.
- Preble, J. F. (1997). Integrating the crisis management perspective into the strategic management process. *Journal of Management Studies*, 34(5), 769-791.
- Rashid, Yazigi, Subhi. (2013). Crisis management inspired by the Koran: an objective study.
- Ray, S., & Ray, I. A. (2011). An Insight into the Vision of Charismatic Leadership: Evidence from Recent Administrative Change in West Bengal Province of India. *European Journal of Business and Management*, 3(9), 55-67.

- Robert, B., & C. Lajtha (2002). A new approach to crisis management. *Journal of Contingencies and Crisis Management*, 10(4): 181-191.
- Rosenthal, U., Boin, A., & Comfort, L. K. (2001). Managing crises: Threats, dilemmas, opportunities. Springfield, USA: Charles C Thomas Publisher.
- Rouleau, L. (2005). Micro-Practices of Strategic Sensemaking and Sensegiving: How Middle Managers Interpret and Sell Change Every Day*. *Journal of Management Studies*, 42(7), 1413-1441.
- Rowold, J., & Heinitz, K. (2007). Transformational and charismatic leadership: Assessing the convergent, divergent and criterion validity of the MLQ and the CKS. *The Leadership Quarterly*, 18(2), 121-133.
- Sadeghi, A., & Pihie, Z. A. L. (2012). Transformational leadership and its predictive effects on leadership effectiveness. *International Journal of Business and Social Science*, 3(7), 186-197.
- Santana, G. (2004). Crisis management and tourism: Beyond the rhetoric. *Journal of Travel & Tourism Marketing*, 15(4), 299-321.
- Seeger, M. W., Ulmer, R. R., Novak, J. M., & Sellnow, T. (2005). Post-crisis discourse and organizational change, failure and renewal. *Journal of Organizational Change Management*, 18(1), 78-95.
- Sekaran, U. (2006). *Research methods for business: A skill building approach*. London, UK: John Wiley & Sons.
- Sekaran, U., & Bougie, R. (2010). *Research methods for business: A skill building approach*. London, UK: John Wiley & Sons.
- Shaluf, I. M., Ahmadun, F. L. R., & Mat Said, A. (2003). A review of disaster and crisis. *Disaster Prevention and Management: An International Journal*, 12(1), 24-32.
- Shamir, B., House, R. J., & Arthur, M. B. (1993). The motivational effects of charismatic leadership: A self-concept based theory. *Organization science*, 4(4), 577-594.
- Shastri, R. K., Mishra, K. S., & Sinha, A. (2010). Charismatic leadership and organizational commitment: An Indian perspective. *African journal of business management*, 4(10), 1946-1953.
- Smith, T. (2012). Yemen Country Report: Social Protection Monitoring Survey: Part of UNICEF's Real Time Monitoring for the Most Vulnerable (RTMMV) Global Study. New York: UNICEF.

Stanley, A. D. (2004). Leadership styles and conflict management styles: An exploratory study. Regent University, Virginia USA.

Sui Pheng, L., Ho, D. K., & Soon Ann, Y. (1999). Crisis management: a survey of property development firms. *Property Management*, 17(3), 231-251.

Tabachnick, B. G., & Fidell, L. S. (2007). Using multivariate statistics (5th ed.). Boston: Allyn and Bacon.

Trivellas, P., & Dargenidou, D. (2009). Leadership and service quality in higher education: the case of the Technological Educational Institute of Larissa. *International Journal of Quality and Service Sciences*, 1(3), 294-310.

UNDP. (2012). Multidimensional Livelihoods Assessment in Conflict-Affected Areas. Retrieved on January 17th, 2015. From: <http://www.ye.undp.org/content/dam/yemen/CPR/Docs/UNDP-YEMDesk%20Study%20%20Multidimensional%20Livelihoods%20Assessment%20in%20Conflict%20Affected%20Areas.pdf>

Vogt, W. P. (2007). Quantitative research methods for professionals. Boston, USA: Allyn & Bacon.

Wai Ling, C., Sandhu, M. S., & Kishore Jain, K. (2009). Knowledge sharing in an American multinational company based in Malaysia. *Journal of Workplace Learning*, 21(2), 125-142.

Walsh, J. P. (1995). Managerial and organizational cognition: notes from a trip down memory lane. *Organization science* 6(3): 280-321.

Wang, Jia. (2008). Developing organizational learning capacity in crisis management. *Advances in developing human resources*, 10(3), 425-445.

Williams, B., Brown, T., & Onsman, A. (2012). Exploratory factor analysis: A five-step guide for novices. *Australasian Journal of Paramedicine*, 8(3), 1.

Wilson, I., & Waiganjo, d. M. (2013). The influence of strategic factors on effective crisis preparedness. *Asian Journal of Business and Management Sciences*, 2(11).

Wooten, L. P. (2005). Framing crisis management: A multiple lens perspective. Darden executive briefing series on crisis management. Charlottesville, Virginia, USA: Darden Press, Batten Institute.

Wooten, Lynn Perry, & James, Erika Hayes. (2008). Linking crisis management and leadership competencies: The role of human resource development. *Advances in Developing Human Resources*, 10(3), 352-379.

World Bank. (2012). *Republic of Yemen - Joint social and economic assessment*. Washington, DC: World Bank. Retrieved on January 6th, 2015. From: <http://documents.worldbank.org/curated/en/2012/06/17060742/republic-yemen-joint-social-economic-assessment>.

Yiing, L. H., & Ahmad, K. Z. B. (2009). The moderating effects of organizational culture on the relationships between leadership behaviour and organizational commitment and between organizational commitment and job satisfaction and performance. *Leadership and Organization Development Journal*, 30(1), 53-86.

Yukl, G. (1999). An evaluation of conceptual weaknesses in transformational and charismatic leadership theories. *The leadership quarterly*, 10(2), 285-305.

Yukl, G. A. (2002). *Leadership in organizations*. (5th ed.). New York, USA: National College for School Leadership.

Yukl, G., & Mahsud, R. (2010). Why flexible and adaptive leadership is essential. *Consulting Psychology Journal: Practice and Research*, 62(2), 81.

Zagoršek, H., Dimovski, V., & Škerlavaj, M. (2009). Transactional and transformational leadership impacts on organizational learning. *Journal for East European Management Studies*, 14(2), 144-165.

Zhang, Z., Jia, M., & Gu, L. (2012). Transformational leadership in crisis situations: evidence from the People's Republic of China. *The International Journal of Human Resource Management*, 23(19), 4085-4109.

Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin, M. (2010). *Business Research Methods*. Mason, Ohio, USA: South-Western, Cengage Learning.

Zohar, D., & Luria, G. (2004). Climate as a social-cognitive construction of supervisory safety practices: scripts as proxy of behavior patterns. *Journal of applied psychology*, 89(2), 322.