EXECUTIVES ECOCENTRIC PERSPECTIVE IN FRAMING CORPORATE ENVIRONMENTALISM

SAEED BEHJATI

DOCTOR OF PHILOSOPHY UNIVERSITI UTARA MALAYSIA September 2014

EXECUTIVES ECOCENTRIC PERSPECTIVE

IN FRAMING CORPORATE ENVIRONMENTALISM

By

SAEED BEHJATI

Thesis Submitted to Othman Yeop Abdullah Graduate School of Business, Universiti Utara Malaysia, in Fulfillment of the Requirement for the Degree of Doctor of Philosophy

CERTIFICATION OF THESIS WORK

PERMISSION TO USE

In presenting this thesis in fulfillment of the requirements for a Post Graduate degree from the Universiti Utara Malaysia (UUM), I agree that the Library of this university may make it freely available for inspection. I further agree that permission for copying this thesis in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor(s) or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my thesis. It is understood that any copying or publication or use of this thesis or parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM in any scholarly use which may be made of any material in my thesis.

Request for permission to copy or to make other use of materials in this thesis in whole or in part should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business Universiti Utara Malaysia 06010 UUM Sintok Kedah Darul Aman

ABSTRACT

Natural hazards and the vulnerability of the affected people due to their outcomes, in Iran, have prompted the notion of corporate environmentalism. Debates on environmentalism had caused the reason for corporate environment responsiveness yet to be part of a core business strategy despite extensive awareness and societal and institutional isomorphism. Due to the exploratory nature of social epistemology, this research employed the qualitative approach and multiple case studies to explore the nature of the construction of corporate environmentalism. The voices of corporate executives offered a glimpse of their commitment and the factors they consciously considered as complying with corporate environmentalism. In this research, the triangulated data collection approach comprised of document analysis, observation and ten semi-structured interviews with managers and directors of three small and medium manufacturing companies, who had experienced corporate environmentalism associated with stone mining, food production, and automotive component manufacturing. Interview transcripts were synthesized with other qualitative sources of data highlighting experienced corporate environmentalism within the three macro- themes of inner belief and foundation, adaptive dialogue, and cultivating interaction. These three emerged macro- themes later were categorized into nine micro- themes, which offered valuable insight on the executives' description and their pattern of thinking and cognitive overhead manifested in the executive's "Neuro-ruling" concerning corporate environmentalism. The results of this study highlighted the gap between the executives' pattern of thinking in considering environmental sustainability within the confronted mimetic, coercive, and normative isomorphism. These corporate executives appeared to incorporate their perceptual reinforcement (morality, ethics and community) with societal and institutional constraints. Based on the findings, it was concluded that institutional enforcement did not translate into reinforcing the belief and value system, and for these reasons, corporate environmentalism or responsiveness behaviour was generally a fragmented activity and was cut off from the organizational strategic agenda.

Keywords: thematic analysis, environmental sustainability, corporate environmentalism, small and medium enterprise, executive pattern of thinking and cognitive

ABSTRAK

Bencana alam dan kelemahan dalam menangani kesannya ke atas penduduk yang terlibat di Iran khususnya, telah menyingkap akan kepentingan konsep persekitaran korporat. Perbahasan mengenai falsafah perseckitaran telah menyebabkan responsif persekitaran korporat belum menjadi sebahagian daripada strategi perniagaan teras walaupun terdapat kesedaran yang meluas dan isomorfisma masyarakat dan institusi. Disebabkan oleh ciri penerokaan dalam epistemologi sosial, kajian ini menggunakan pendekatan kualitatif dan kajian kes pelbagai untuk meneroka ciri pembangunan konsep persekitaraan korporat. Suara atau pandangan eksekutif korporat telah menawarkan gambaran tentang komitmen mereka dan faktor-faktor yang mereka sedari bagi pematuhan persekitaran korporat. Dalam kajian ini, pendekatan pengumpulan data ditriangulasikan terdiri daripada analisis dokumen, pemerhatian dan sepuluh temu bual separa berstruktur digunakan di dalam kalangan pengurus dan pengarah tiga syarikat perkilangan bersaiz kecil dan sederhana yang mempunyai pengalaman persekitaran korporat seperti syarikat perlombongan batu, pengeluaran makanan dan pengeluaran komponen kereta. Transkrip temu bual telah disintesis dengan menggunakan sumber data kualitatif lain yang menonjolkan pengalaman persekitaran korporat dalam tiga tema makro jaitu asas dan kepercayaan dalaman, penyesuaian dialog dan pemupukan interaksi. Ketiga -tiga tema makro ini kemudiannya dikategorikan kepada sembilan tema mikro yang telah menawarkan pemahaman yang berharga tentang gambaran seseorang eksekutif dan corak pemikiran serta kognitifnya yang dimanifestasikan dalam 'peraturan neuro' eksekutif yang melibatkan persekitaran korporat. Dapatan kajian telah menjelaskan terdapat jurang di antara corak pemikiran eksekutif yang mempertimbangkan kelestarian persekitaran dalam isomorfisma meniru, bersifat memaksa dan normal. Eksekutif syarikat telah menggabungkan pengukuhan persepsi (moral, etika dan komuniti) dengan kekangan masyarakat dan institusi. Berdasarkan dapatan ini, dapat disimpulkan bahawa penguatkuasaan institusi tidak diterjemahkan kepada pengukuhan kepercayaan dan sistem nilai dan untuk alasan ini, persekitaran korporat atau tingkah laku responsif secara amnya adalah aktiviti serpihan dan dikeluarkan daripada agenda strategik organisasi.

Kata kunci: analisis tematik, kelestarian persekitaran, persekitaran korporat, syarikat kecil dan sederhana, corak pemikiran eksekutif dan kognitif

ACKNOWLEDGMENTS

I dreamt of reaching the moment of writing the acknowledgments, which is the best ending session of any theses. While for long this page left blank as words couldn't begin to express my 'heartfelt appreciate. I obviously cannot say enough thanks to all those helped me out in some tough times by their invaluable support, sacrifices, encouragement, and inspiration.

Since I owe them sincere and enormous thanks, hence, I wish to present my warmest gratitude first to my parent. Because they gave me the greatest gift, that anyone could receive, "*They believed in me*".

Dad, thank you for walking by my side, even when no one else left. Mom, thank you for keeping me in your heart as baby, no matter I have grown; and run to lift me when I fall and assuring me that I can fly again.

Next, I would like to thanks to my supervisor Associate Professor Dr. Siti Norezam Othman because the completion of this thesis would not have become a reality without her valuable guidance and support. I am deeply indebted, as her constructive criticism helped rigor inquiry and kept me constantly focused. I was very fortunate to be under her supervision, as she embraced every responsibility of a principal supervisor to guide my research.

I also acknowledge with gratitude the intellectual support of Dr. Zaleha Othman for developing my idea about the academic inquiry. She always had a lot of genuine interest, and understanding when I needed it for my work.

My sincere thanks also go to the Associate Professor Faridahwati Mohd Shamsudin who showed a great deal of interest in reading, discussing and giving feedback on all aspects of my thesis. I believe the text is much easier to read now because of her critical proofreading and significant mentorship.

I would like to gratefully thank Mohammad Nahich , Pranav Kumar and Irene Yang – my special friends – for their conscious companion and most importantly their friendship during this journey. They were encouraged me to not only grow as a research expert and degree holder but also as an instructor and an independent thinker. Particular thanks also go to the research informants for their willingness to be part of this research. Who were very keen to provide me with any assistance I needed during the data collection, and data validation.

I also would like to acknowledge my VIVA committee (Associate Professor Dr. Norlena Bt Hasnan - Associate Professor Rusli bin Ahmad and Associate Professor Dr. Shahimi Mohtar), for their critical feedback, ideas, support and suggestions during the thesis completion.

Finally, my great appreciation and enormous thanks are due to my caring fiancé for holding my hand all over this journey. In the most difficult moments, I tried to look at her eyes to see the light showing the way. Thank you for all late night laughs and the early morning kisses.

The best moments of my PhD journey have been shared with many people. I believe the kindness comes in many forms, but always from the heart. Hence, I hearty thank all you people again for being with me in this journey.

I devote this work to my family

TABLE OF CONTENTS

Page

TITLE PAGE	i
CERTIFICATION OF THESIS WORK	ii
PERMISSION TO USE PAGE	iv
ABSTRACT	v
ABSTRAK	vi
ACKNOWLEDGMENTS	vii
TABLE OF CONTENTS	ix
LIST OF TABLES	xiv
LIST OF FIGURES	XV
CHAPTER ONE - INTRODUCTION	1
1.1 Introduction	1
1.2 Background of the Problem	4
1.3 Statement of the Problem	7
1.4 Articulation of the Problem	12
1.5 Research Questions	14
1.6 Research Objectives	15
1.7 Research Significance	16
1.7.1 Theoretical Contributions	17
1.7.2 Practical Contributions	19
1.7.3 Methodological Contributions	21
1.8 Scope of the Study	22
1.9 Definition of key Terms	22
1.10 Organization of the Thesis	25
CHAPTER TWO - LITERATURE REVIEW	27
2.1 Introduction	27
2.2 Corporate Environmentalism	28
2.2.1 Environmentalism - Meeting the Challenges	28
2.2.2 Environmentalism - Corporate and Environmental Impact	30
2.2.2.1 Toxic Chemical Release	31
2.2.2.2 Waste Generation	31
2.2.2.3 Energy Consumption	32
2.2.2.4 Carbon Emissions	32
2.2.3 Environmentalism, Sustainability and Industry Drivers	33
2.2.4 Environmentalism, Momentum Review	38
2.2.5 Environmentalism, Conceptual Description	43
2.2.6 Environmentalism, Institutional Pressure	47
2.2.7 Environmentalism, Executive's Bounded Rationality	51
2.2.8 Environmentalism, Sustainability and Executive Attributes	57
2.2.9 Environmentalism, Stewardship Principle	62

ix

2.2.10 Environmentalism and Need for Change	69
2.2.11 Environmentalism and Construction of Meaning by	70
Corporate Executives	
2.2.12 Environmentalism - A Complicated Picture	71
2.3 Background of Environmentalism in Iranian SMEs	74
2.3.1 Environmentalism and Small and Medium Enterprises	74
in Iran	
2.3.2 Challenges of Environment and National Development	76
2.3.3 Environmentalism and National Responses	80
2.4 Summary of Supportive Theories	83
2.4.1 Institutional Theory	83
2.4.2 Social Cognitive Theory	86
2.4.3 Stakeholder Theory	88
2.4.4 Strategic Contingency Theory–Intra-Organizational Power	91
2.4.5 Synthesized Perspectives of Supportive Theories	93
2.5 Conclusions From the Literature Review	94
2.5.1 Literature Gap	94
2.5.2 Articulation of Gaps and Limitations	96
2.5.3 Conclusion	96
CHAPTER THREE - RESEARCH METHODOLOGY	98
3.1 Introduction	98
3.2 Position of Research Philosophy	99
3.2.1 Ontological Assumptions	101
3.2.2 Epistemological Assumptions	101
3.2.3 Methodological Assumptions	103
3.2.4 Axiological Assumptions	106
3.2.5 Rhetorical Assumptions	106
3.3 Research Methodology	107
3.3.1 Initial Concept of Research Methodology	107
3.3.2 Choice of Research Strategy	110
3.4 Data Collection	112
3.4.1 Sampling Design	112
3.4.1.1 Industry Selection Criteria	112
3.4.1.2 Corporate Selection Criteria	113
3.4.1.3 Informants Selection Criteria	117
3.4.1.4 Debriefing Team Selection Criteria	118
3.4.2 Data Collection Technique	120
3.4.2.1 Open-Ended Interview	121
3.4.2.2 Observation Notes	122
3.4.2.3 Document Review	123
3.4.3 Pilot Study	124
3.5 Data Processing and Analyzing	125
3.5.1 Qualitative Analysis	125
3.5.2 Data Analysis Procedure	128

3.5.3 Cultivating the Data Analytic Processes and Interpretation	132
3.5.3.1 Pilot Study	132
3.5.3.2 Main Study	134
3.5.3.3 Analytical Portion	141
3.6 Research Trustworthiness	145
3.6.1 Internal Validity (Credibility)	145
3.6.2 External Validity (Transferability)	146
3.6.3 Reliability (Dependability)	146
3.6.4 Objectivity / Neutrality (Confirmability)	147
3.7 Research Ethical Assurance	149
3.7.1 Reciprocity	149
3.7.2 Confidentiality And Consent	150
3.7.3 Distributive Justice	150
3.7.4 Gratitude	151
3.7.5 Personal Ethic and Quality Of Inquiry	151
3.8 Rhetorical Assumption and Inquiry Map	152
3.9 Limitations of the Study	157
CHAPTER FOUR - DATA ANALYSIS AND INTERPRETATION	158
4.1 Introduction	158
4.2 Study Demographics	158
4.2.1 Characteristics of Participated Organizations	158
4.2.2 Characteristics of the Informants	163
4.3 Analyzing Result and Themes	165
4.3.1 Inner Belief and Foundation – Being	166
4.3.1.1 Cultural Commitment	167
4.3.1.2 Reliance on Spiritual Beliefs	171
4.3.1.3 Desire for Self-Esteem	174
4.3.2 Adaptive Dialogue – Adapting	177
4.3.2.1 Contingency Plan	178
4.3.2.2 Navigation (Configuring Strategies) via Small Win Strategy Lens	181
4.3.2.3 Interaction through Social Networks	184
4.3.3 Cultivating Interaction - Engage	188
4.3.3.1 Complying with Mandatory Impositions	188
4.3.3.2 Interactive Intelligence	192
4.3.3.3 Interactive Benchmarking	196
4.4 Summary	201
CHAPTER FIVE - DISCUSSION AND CONCLUSION	207
5.1 Introduction	207
5.2 Summary of Findings and Propositions in Response	208
to Research Questions	
5.2.1 Proposition 1: Inner Belief and Foundation – Being	210
5.2.1.1 Cultural Commitment	211

 5.2.1.3 Desire of Self -Esteem 5.2.2 Proposition 2: Adaptive Dialogue – Adapting 5.2.2.1 Contingency Plan 5.2.2.2 Navigation via Small Win Strategy 5.2.2.3 Interaction through Social Networks 	215 217 218 221 224 225
5.2.2.1 Contingency Plan5.2.2.2 Navigation via Small Win Strategy	218 221 224
5.2.2.2 Navigation via Small Win Strategy	221 224
	224
5.2.2.2. Internation through Social Naturalia	
5.2.2.3 Interaction through Social Networks	225
5.2.3 Proposition 3: Cultivating Interaction - Engage	110
5.2.3.1 Complying with Mandatory Impositions	226
5.2.3.2 Interactive Intelligence	228
5.2.3.3 Interactive Benchmarking	230
5.3 Conclusion and Reduction of Gaps	233
5.3.1 Proposed Model Embedded in Executives'	234
Ecocentric Perspective	
5.3.2 Theoretical Contribution	242
5.3.3 Practical Contribution	249
5.3.3.1 Role of Critical Thinking and Responsiveness	252
Vision and Strategy	0.5.4
5.3.3.2 Ethical and Cultural Considerations	254
5.3.3.3 Interactive Intelligence Drives Added Efficiency	257
5.3.3.4 Enhancement of Optimal Achievement	260
5.3.3.5 Role of Communication and Collaboration	262
5.3.4 Policy Contribution	265
5.3.4.1 Technical Assistance (Responsive Pedagogy)	267
5.3.4.2 Knowledge Empowers Campaign	269
5.3.4.3 Optimizing Enforcement and Legal Liability	271
5.3.4.4 Consolidating National Value And Environmental Permits	273
5.3.4.5 Special Recognition and Awards	274
5.3.5 Social Contribution	276
5.4 Directions for Future Study	279
5.5 Concluding Remarks	283
REFERENCES	285
RESEARCH APPENDICES	313
Appendix A : Case Study Protocol	313
Outline the Scope	313
Schematic View of Case Protocol	316
Semi-Structured Interview Questioned	317
Research Protocols	318
Timeline of Research Scheme	322
Appendix B: Formulation of The Research Problem	324
Appendix C : Statistical Description of Small and Medium Industries	328
Appendix D : Table of Frontlines Memos and Categories	341
Appendix E : Example of Reduction and Thematizing of Converted	349

Text Appendix F : Table of Brief Literature Review

LIST OF TABLES

Table		Page
Table 2.1	Implementation Indicators of EMAS and ISO 14001	67
Table 3.1	Rational Choice of Appropriate Research Methodology	109
Table 3.2	Criteria of Choosing Proper Research Strategy	110
Table 3.3	Case Selection Criteria, Indicators and Measurement Scheme	115
Table 3.4	Three Selected Cases	118
Table 3.5	Peer Debriefing Team	119
Table 3.6	Analytical Techniques	125
Table 3.7	Criteria of Research Quality and Rigor	148
Table 3.8	Rhetoric of Research Design	155
Table 4.1	Characteristics of Selected Industries	159
Table 4.2	Characteristics of Selected Three Cases in Terms of Environmental	160
	Responsibilities	
Table 4.3	Profile of Informants	164
Table 4.4	Demographic Description of Informants	164
Table 4.5	All-inclusive Table of Core Research Findings	202
Table 5.1	Description of Executives' Pattern of Thinking on Corporate	235
	Environmentalism	

LIST	OF	FIG	URES
------	----	-----	------

Figure		Page
Figure 2.1	The Annual Average Pollution Index of PM10 Comparison Indifferent Cities Around the World for the Years 2008 to 2012	77
Figure 2.2	Iran Air Pollution Index December 2012	79
Figure 2.3	Iran Air Pollution Index November 27, 2013	79
Figure 2.4	Iran Air Pollution Index August 16, 2014	80
Figure 3.1	Research Hierarchy of Methodological Dimensions	99
Figure 3.2	Proposed Research Process	105
Figure 3.3	Triangulated Data Collection	121
Figure 3.4	Interrogation Data Flow	129
Figure 3.5	Schematic View of Data Analysis and Report Qualitative Data	130
	Patterns	
Figure 3.6	Qualitative Reliance Scheme	131
Figure 5.1	Proposed Cyclical Corporate Environmentalism	238
Figure 5.2	Environmentalism Transformation Model (ETM)	243
Figure 5.3	Hypothesized Model of Findings	248
Figure 5.4	Proposed Finding Framework	249

CHAPTER ONE

INTRODUCTION

1.1 Introduction

Much concern has been raised on the impact of business on the ecosystem. Even though manufacturing industries are the engine of economic growth and social welfare in many countries, they have also been identified as the major factor in damaging the environment and health (Blanton, 2011; Henri & Journeault, 2008; Luo, 2011; Sarkis, 2001). There is no doubt that industrial developments and scientific and technological advancements have increased the level of quality of human lives, but there is also a crucial need to consider, climate change, material consumption and pollution in our environmental management strategies in light of these technological progress.

The need for environmental concern was evident from the latest round of meeting of international leaders at Rio+20in 2012 where the UN secretary disclosed that rising carbon dioxide levels is about to choke human community. Intensive industrial development to meet the current consumption patterns has resulted in waste disposal and climate change. Similar concerns were amplified even more in the United Nation's environmental reports where Doha amendment was incorporated in the Kyoto Protocol in December 2012, which provides evidence of the adverse impact of industries on the environment and social life despite the legally binding agreement of the Kyoto Protocol signed and ratified by 191 states in December 1997 to reduce emissions of greenhouse gases¹.

¹ Reterived from United Nations Environment Program –UNEP (2013) Environment for development. http://www.unep.org.

The contents of the thesis is for internal user only

REFERENCES

- Abbaszadeh, P., Maleki, A., Alipour, M., & Maman, Y. K. (2013). Iran's oil development scenarios by 2025. *Energy Policy*.
- Ahmadi S, A, A ; Salamzadeh, Y ; Daraei, M & Farzad, F,S (2012). Globalization Challenges in Iranian Public Organizations: a Study of Four Ministries in Iran. *Technics Technologies Education Management. EMC*
- Ali, M. A. (2011). Proactive stakeholder management: a descriptive and instrumental analysis (*Doctoral dissertation, Rutgers, The State University of New Jersey*).
- Amanyraoufpoor, S. (2012). Strategic adaptation of small and medium-sized enterprises in economic santioned nations| The case of Iran (*Doctoral dissertation, Alliant International University*).
- Aminzadeh, B. (2010). An exploratory qualitative case study of leadership practices within Iranian private companies (*Doctoral dissertation, University of Phoenix*).
- Anoshe (2012). Iran small industrial and industrial parks organization (ISIPO). Retrieved from: http://isipo.ir/?part=news&inc=news&id=1647
- Aragón-Correa, J. A., Hurtado-Torres, N., Sharma, S., & García-Morales, V. J. (2008). Environmental strategy and performance in small firms: A resource-based perspective. *Journal of Environmental Management*, 86(1), 88-103.
- Ardakani, M (2013). Ecology. Tehran University, Institute of Publishing and Printing 9242-03-964-978

- Avram, D. O., & Kühne, S. (2008). Implementing responsible business behavior from a strategic management perspective: developing a framework for Austrian SMEs. *Journal of Business Ethics*, 82(2), 463-475.
- Azzellino, D. (2011). The Impact of Corporate Social Responsibility Policy on Manufacturing Firm *Productivity in Trinidad and Tobago. Doctoral dissertation*.
- Bakhshi, a (2010). Recognition, protection and improvement of the environmental protection in Iran. Press Institute *Applied Ministry of Agriculture, Tehran*
- Bandura, A. (1986). Social foundations of thought and action: A social cognitive theory. *Englewood Cliffs, NJ: Prentice-Hall.*
- Bandura, A. (1999). Moral disengagement in the perpetration of inhumanities. Personality and Social Psychology Review (Special Issue on Evil and Violence), 51, 193–209.
- Banerjee, S, B. (2001). Managerial perceptions of corporate environmentalism: interpretations from industry and strategic implications for organizations. *Journal of Management Studies*, 38(4) pp.489-513
- Banerjee, S. B. (2002). Corporate environmentalism: the construct and its measurement. Journal of Business Research, 55(3), 177-191. Retrieved from: http://www.sciencedirect.com/science/article/pii/S0148296300001351
- Banerjee, S. B., Iyer, E. S., & Kashyap, R. K. (2003). Corporate environmentalism: antecedents and influence of industry type. *Journal of Marketing*, *106*-122.
- Barboza, G., & Trejos, S. (2013). Corporate Social Responsibility and Horizontal Differentiation in Imperfect Competitive Markets with Global Warming Effects.

Journal of Reviews on Global Economics, 2, 9-24. Retrieved from http://lifescienceglobal.bizmarksolutions.com/pms/index.php/jrge/article/view/974

- Barnard, C.I. (1958), "Elementary conditions of business morals", *California Management Review*, 1 (1), pp. 1-13.
- Barney G. Glaser, & Strauss, A. L. (1967). The Discovery of Grounded Theory. Strategies for Qualitative Research. Barney G. Glaser and Anselm L [eonard] Strauss.... Aldine Publishing Company.
- Bichard, E. (2012). Positively responsible. Routledge. 9778-0-7506-8475-0
- Biermann, F., & Pattberg, P. H. (2012). Global Environmental Governance Reconsidered. *MIT Press*.
- Blanton, A. (2011).Government Incentives and How They Encourage Manufacturing Facilities to Adopt Environmental Management Systems: A Look at the Efficiency of Policy Tools. (*Doctoral dissertation, Arizona State University*)
- Blowfield, M., Murray, A. (2011), Corporate Responsibility, Second Edition, *New York: Oxford University Press.*
- Branco, M. C., & Delgado, C. (2012). Business, social responsibility, and corruption. *Journal of Public Affairs*, 12(4), 357-365.
- Brewer, J. D. (2000). Ethnography: Understanding social research. Buckingham: Open.
- Brits, J., Botha, G., & Herselman, M. (2006). Conceptual framework for modeling business capabilities (*Doctoral dissertation, Tshwane University of Technology*).
- Brown, B. C. (2011). Conscious leadership for sustainability: How leaders with latestage action logic design and engage in sustainability initiatives. (Doctoral dissertation, Fielding Graduate University)

- Brown, B. C. (2012). Conscious Leadership for Sustainability: How Leaders with a Late-stage Action Logic Design and Engage in Sustainability Initiatives. (Doctoral dissertation, Fielding Graduate University)
- Bryman, A. (2004). Social research methods. Oxford university press.
- Camacho , D. (2012). Improving the Environmental Effects of Business Practice Toward Corporate Social Responsibility. *Doctoral dissertation*.
- Chan, T. S. (2009). Environmental sustainability as a generative concern, An exploratory study of the narrative identities of leaders in the environmental sustainability movement (*Doctoral Dissertation, Northwestern University*).
- Chan, T. S. (2009). Environmental Sustainability as a Generative Concern: An Exploratory Study of the Narrative Identities of Leaders in the Environmental Sustainability Movement. *ProQuest LLC*.
- Chaudhri, V. (2011). Examining the relationship between business and society: Constructions, practices, and communication of corporate social responsibility (CSR) among organizations in India. (Doctoral dissertation, Purdue University, India)
- Chen, W. (2011). Theorizing Collective Green Actions: An Institutional Perspective for the UAE Industries. *Communications*, 2011.
- Chen, Y. S. (2008). The positive effect of green intellectual capital on competitive advantages of firms. *Journal of Business Ethics*, 77(3), 271-286.
- Chen, Y. S., & Chang, C. H. (2012). Greenwash and Green Trust: The Mediation Effects of Green Consumer Confusion and Green Perceived Risk. *Journal of Business Ethics*, 1-12.

- Cheung, Y. L., Tan, W., Ahn, H. J., & Zhang, Z. (2010). Does corporate social responsibility matter in Asian emerging markets?. *Journal of Business Ethics*,92(3), 401-413.
- Clegg, S. R., Kornberger, M., & Pitsis, T. (2011). Managing and organizations: An introduction to theory and practice. *SAGE Publications Limited*.
- Corbin, J., & Strauss, A. (2008). Basics of qualitative research (3rd ed.). *Thousand* Oaks: Sage.
- Corbin, J., & Strauss, A. (Eds.). (2008). Basics of qualitative research: Techniques and procedures for developing grounded theory. Sage.
- Creswell, J. (2005). Educational research: Planning, conducting, and evaluating qualitative research. *Upper Saddle River, NJ: Merrill Prentice Hall Pearson Education*.
- Creswell, J. W. (2007). Qualitative inquiry & research design: Choosing among five approaches (2nd ed.). *Sage Publications, Inc*
- Creswell, J. W. (2009). Research design: Qualitative, quantitative, and mixed methods approaches. *Sage*.
- Creswell, J. W. (2012). Qualitative inquiry and research design: Choosing among five approaches. *Sage Publications, Incorporated.*
- Creswell, J.W. (2003). Research design: Qualitative, quantitative, and mixed methods approaches. (2nd ed.) *Thousand Oaks: Sage*.
- Crosbie-Burnett, M., & Lewis, E. A. (1993). Theoretical contributions from social and cognitive-behavioral psychology. In Sourcebook of family theories and methods (pp. 531-561). *Springer US*.

- Dabas, C. S. (2011). Doing well by doing good or doing smart? antecedents and outcomes of corporate social performance. (*Doctoral dissertation, Michigan State University*)
- Dash, K.K. (2005). Online research methods resource: Module selection of the research
- Davidson, K. A. (2013). Tehran Pollution Crisis 2012: Thousands Dead In Iran's Capital As Government Warns To Stay Indoors. *The Huffington Post*, 01/08/2013 4:24 pm EST. Retrieved from http://www.huffingtonpost.com/2013/01/08/tehran-pollutioncrisis-thousands-dead-iran_n_2432637.html
- Delery. J.E. & Doty. H.D. (1996) 'Modes of Theorizing in Strategic Human Resource
- DeMasi, E. (2011). A comparative analysis of corporate social responsibility in commercial banks, Case studies from the United States and United Kingdom (Doctoral dissertation, Duquesne University).
- Denzin, N. K., & Lincoln, Y. S. (1994). Handbook of qualitative research. Sage Publications, Inc.
- Denzin, N. K., & Lincoln, Y. S. (Eds.). (2005). The Sage handbook of qualitative research. *Sage Publications, Incorporated*.
- Denzin, N. K., & Lincoln, Y. S. (Eds.). (2011). The SAGE handbook of qualitative research. Sage.
- Desha, C., Hargroves, C., & Smith, M. H. H. (2012). Cents and Sustainability: Securing our common future by decoupling economic growth from environmental pressures. *Routledge*.

- Dias-Sardinha, I., Reijnders, L., & Antunes, P. (2002). From environmental performance evaluation to eco-efficiency and sustainability balanced scorecards. *Environmental Quality Management*, 12(2), 51-64.
- Dilchert, S., & Ones, D. S. (2012). Environmental Sustainability in and of Organizations. Industrial and Organizational *Psychology*, *5*(4), 503-511.
- Donaldson, L. (2001). The contingency theory of organizations. Sage Publications, Incorporated.
- Doppelt, B. (2009). Leading Change Toward Sustainability-: A Change-Management Guide for Business, Government and Civil Society. Greenleaf Publishing.
- Dornfeld, D. A. (Ed.). (2013). Green Manufacturing: Fundamentals and Applications. *Springer*.
- Dornfeld, D., Yuan, C., Diaz, N., Zhang, T., & Vijayaraghavan, A. (2013). Introduction to Green Manufacturing. In Green Manufacturing (pp. 1-23). Springer US.
- Doug Jones (2013). Engineering Newcastle. Retrieved from http://www.engineersaustralia.org.au/

Duruigbo, E. (2001) . Multinational Corporations and Compliance with International Regulations Relating to the Petroleum Industry. Annual Survey of International & Comparative Law: Vol. 7: Iss. 1, Article 8. Retrieved from: http://digitalcommons.law.ggu.edu/annlsurvey/vol7/iss1/8 and http://heinonline.org/HOL/LandingPage?collection=journals&h andle=hein.journals/ansurintcl7&div=10&id=&page=

Eden, C., & Spender, J. C. (Eds.). (1998). Managerial and organizational cognition: theory, methods and research. *Sage*.

- Elliott, J., & Lukeš, D. (2008). Epistemology as ethics in research and policy: The use of case studies. *Journal of Philosophy of Education*, 42(s1), 87-119.
- Elkington, J (1994). Towards the Sustainable Corporation: Win-Win-Win Business Strategies for Sustainable Development. *California Management Review 36*, no. 2 : 90–100.
- English, M, D, (2009). a qualitative analysis of factors influencing small business decision-making on corporate social responsibilities (CSR). (Doctoral Dissertation. University of Phoenix)
- Epstein, D. (2011). Functional Background, Board composition, and Top Management Team Origin. A Longitudinal Study of Change in Strategic Orientation (*Doctoral dissertation, University of Houston*).
- Erdbrink, T. (2013) Annual Buildup of Air Pollution Chokes Tehran. *The New York Times* retrieved from:

http://www.nytimes.com/2013/01/07/world/middleeast/tehran-is-choked-by-annualbuildup-of-air-pollution.html?_r=0

- Ervin, D., Wu, J., Khanna, M., Jones, C., & Wirkkala, T. (2013). Motivations and barriers to corporate environmental management. *Business Strategy and the Environment*, 22(6), 390-409.
- Fakhrallah Mowla'ii (2012), News code 9479 *Iranian labor news agent*, Retrieved from : http://ilna.ir/news/news.cfm?id=9479)
- Feistinger, L. (1957). A theory of cognitive dissonance Evanston. IL: Row, Peterson.
- Fiedler, F. E. (1964). A contingency model of leadership effectiveness. Advances in experimental social psychology, 1(1), 149-190.

- Fielding, M. (2007). Companies that behave responsibly earn good rep, consumers' attention. *Marketing News*, 41(8), 17-18. *Retrieved from the EBSCO database*.
- Fishbein, M., & Ajzen, I. (1975). Belief, attitude, intention and behavior: An introduction to theory and research.
- Flick, U. (2002). Qualitative research-state of the art. *Social science information*, *41*(1), 5-24.
- Florence, S & Henderson, S & D'Amato, A. (2009). Corporate Social Responsibility and Sustainable Business: A Guide to Leadership Tasks and Functions. *Center for Creative Leadership. Greensboro, North Carolina.*
- Freeman, R. E (1984). Strategic Management: A stakeholder approach. *Boston: Pitman. ISBN 0-273-01913-9*.
- Friedman, R., & Kim, J. (1988). Political risk and international marketing. Columbia Journal of World Business, 23(4), 63-74.
- Friedman, S. D. (1986). Succession systems in large corporations: Characteristics and correlates of performance. Human Resource Management, 25(2), 191-213.
- Ghanatabadi, F. (2013). Impact of entrepreneurs on the process of internationalization of small and medium-sized enterprises in Iran. The Process of Internationalization in Emerging SMEs and Emerging Economies, 111.
- Given, L. M. (Ed.). (2008). The SAGE encyclopedia of qualitative research methods (Vol. 2). *Sage Publications, Incorporated.*
- Gleim, M. (2011). From Green to Gold: Three Essays on Corporate Social Responsibility as a Marketing Strategy. *Electronic Theses, Treatises and Dissertations*. Retrieved from http://diginole.lib.fsu.edu/etd/4254

- Golafshani, N. (2003). Understanding Reliability and Validity in Qualitative Research.
 The Qualitative Report, 8 (4), 597-607. Retrieved from http://www.nova.edu/ssss/QR/QR8-4/golafshani.pdf
- Goodhew, G. (1998). Cognition and management: Managerial cognition and organizational performance.
- Goodhew, G. W., Cammock, P. A., & Hamilton, R. T. (2005). Managers' cognitive maps and intra-organisational performance differences. *Journal of Managerial Psychology*, 20(2), 124-136.
- Gray , D (2009). The Effect of Managerial Cognition and Persistence on Marketing Team Performance. *ANZMAC*
- Greenleaf, R. K. (2002). Servant leadership: A journey into the nature of legitimate power and greatness. Paulist Press.
- Griffith, D. A., Kiessling, T., & Dabic, M. (2012). Aligning strategic orientation with local market conditions: Implications for subsidiary knowledge management. International Marketing Review, 29(4), 379-402.
- Guba, E. G. (Ed.). (1990). The paradigm dialog. Sage.
- Guba, E. G., & Lincoln, Y. S. (1985). Naturalistic inquiry (Vol. 75). Sage Publications, Incorporated.
- Guba, E. G., & Lincoln, Y. S. (1989). Fourth generation evaluation. Sage Publications, Incorporated.
- Guba, E. G., & Lincoln, Y. S. (1994). Competing paradigms in qualitative research. Handbook of qualitative research, 2, 163-194.

- Guoyou, Q., Saixing, Z., Chiming, T., Haitao, Y., & Hailiang, Z. (2013). Stakeholders' influences on corporate green innovation strategy: a case study of manufacturing firms in China. Corporate Social Responsibility and Environmental Management, 20(1), 1-14.
- Gupta, B. (2011). A comparative study of organizational strategy and culture across industry. Benchmarking: *An International Journal, 18*(4), 510-528.
- Hakimipour, N., & Keyani, K.H., (2012). A comparative analysis of the performance of the major industries in the province using the stochastic frontier function. *Institute of Humanities and Cultural Studies*. *Code:* 151338. Retrieved from: http://www.ensani.ir/fa/content/151338/default.aspx
- Han, Z. (2009). Sustainable Pavement Asset Management Based on Life Cycle Models and Optimization Methods (*Doctoral dissertation*, *The University of Michigan*).
- Hart, S. (1997). Beyond greening: Strategies for a sustainable world. Harvard Bus. Rev. 75(1):67–76
- Havaeji, Z. (2011) . Environmental management plan to reduce the harmful effects on the environment. *shahrvand. Retrieved SEP 10,2013* from http://www.shahrvand.com/archives/19528
- Henri, J. F., & Journeault, M. (2008). Environmental performance indicators: An empirical study of Canadian manufacturing firms. *Journal of Environmental Management*, 87(1), 165-176.
- Herren, A. (2010). Barriers to Environmental Sustainability Facing Small Businesses in Durham, NC (*Doctoral dissertation, Duke University*).

- Hessami, H. Z., Golsefid-Alavi, M., Shekaf, S. M., & Mavi, R. K. (2012). Evaluation of Success Factors of ISO 14001-Based EMS Implementation and Ranking the Cement Industry Using the TOPSIS Method. J. Appl. *Environ. Biol. Sci*, 2(10), 523-530.
- Hickson, D. J., Hinings, C. R., Lee, C. A., Schneck, R. E., & Pennings, J. M. (1971). A strategic contingencies' theory of intraorganizational power. *Administrative Science Quarterly*, 216-229.
- Hillary, R. (1997). Environmental management systems and cleaner production. John Wiley & Sons, Inc
- Hilson, G. (2012). Corporate Social Responsibility in the extractive industries: Experiences from developing countries. *Resources Policy*.
- Hine, D., & Carson, D. (2007). Innovative methodologies in enterprise research. *Edward Elgar Publishing*.
- Hofer, C., Cantor, D. E., & Dai, J. (2012). The competitive determinants of a firm's environmental management activities: Evidence from US manufacturing industries. *Journal of Operations Management*, 30(1), 69-84.
- Hofer, C., Cantor, D. E., & Dai, J. (2012). The competitive determinants of a firm's environmental management activities: Evidence from US manufacturing industries. *Journal of Operations Management*, 30(1), 69-84.
- Hoskins, Ed (2013). Scientists call for action to tackle CO2 levels. *BBC science* & *environment*. Retrieved from http://www.bbc.co.uk/news/science-environment-22491491

- Hsieh, H. F., & Shannon, S. E. (2005). Three approaches to qualitative content analysis. *Qualitative health research*, *15*(9), 1277-1288.
- Huang, X., Gattiker, T. F., & Schroeder, R. G. (2010). Do competitive priorities drive adoption of electronic commerce applications? Testing the contingency and institutional views. *Journal of Supply Chain Management*, 46(3), 57-69.
- IENA (2013). "Environmental protection" spiritual state charter, "Environment" undecided! Retrieved SEP 10,2013 from http://www.mohitzist.ir/fa/content/458
- Ieromonachou, P., Manikas, I., & Babula, M. (2011). Identification of environmental sustainability strategy patterns in agrifood supply chain operations. *University of Greenwich*
- Isaksen, s. g., Babij, b. j., & Lauer, k. j. (2003). Cognitive styles in creative leadership practices: exploring the relationship between level and style. *Psychological reports*, *93*(3), 983-994.
- Jabalameli, F., & Rasoulinezhad, E. (2012). Iran Solutions against the Economic Sanctions: Analytic Hierarchy Process Approach. *American Journal of Business and Management*, 1(1), 23-29.
- Jafartayari, S & Rahmandoust, M (2011). Awareness of Sustainable Manufacturing Practices. *LAP LAMBERT Academic Publishing*
- Jagers, S. C., & Matti, S. (2010). Ecological citizens: Identifying values and beliefs that support individual environmental responsibility among Swedes. *Sustainability*, 2(4), 1055-1079.
- Jamali, D and Sidani, Y (2011). Is CSR counterproductive in developing countries: The unheard voices of change. *Journal of Change Management*, *11*:1, 69-71.

- Jamali, D, Zanhour, M & Keshishian, T (2009). Peculiar strengths and relational attributes of SMEs in the context of CSR. *Journal of Business Ethics*, 87:3, 355-367
- Jamian, R., Ab Rahman, M. N., Deros, B. M., & Ismail, N. Z. N. (2012). a conceptual model towards sustainable management system based upon 5s practice for manufacturing SMEs. Asia pacific journal of operations management.
- Javaherian, Z., Maknoon, R., & Abbaspour, M. (2013). Investigating the Impacts of Global Environmental Evolutions on Long-term Planning of Natural Resources in Iran. International Journal of Environmental Research, 7(3), 561-568.
- Jeffrey J.M (2012). Improving organizational adaptation through the analysis of strategy typology and environmental scanning process. (*Doctoral Dissertation. Capella University*)
- Jermier, J. M. (Ed.). (2013). Corporate Environmentalism and the Greening of Organizations. Sage.
- Johnstone, P. L. (2004). Mixed methods, mixed methodology health services research in practice. *Qualitative Health Research*, *14*(2), 259-271.
- Kervin, L. Vialle, W. Herrington, J. & Okely, T. (2006) Research for Educators. Sydney, Thomson - *Social Sciences Press*.
- Ketokivi, M. A., & Schroeder, R. G. (2004). Perceptual measures of performance: fact or fiction?. *Journal of Operations Management*, 22(3), 247-264.
- Kim, S. T. (2010). Implementation of green supply chain management: impact on performance outcomes in small-and medium-sized electrical and electronic firms.

ETD collection for University of Nebraska - Lincoln. Paper AAI3412875. Retrieved from: http://digitalcommons.unl.edu/dissertations/AAI3412875

- Kudlak, R. (2014). Critical insights from the corporate environmentalismcompetitiveness investigations. Management of Environmental Quality: An International Journal, 25(2), 2-2.
- Kumar, K., Subramanian, R., & Strandholm, K. (2011). Market orientation and performance: does organizational strategy matter?. *Journal of Applied Business Research (JABR)*, 18(1).
- Lai, W. M. (2010). Corporate environmentalism and environmental strategies: the relationship between resources, capabilities, strategies and performance in China's Pearl River Delta. (*Doctoral dissertation, The Hong Kong Polytechnic University*).
- Larsson S, F., & Svensson, S. (2011). Does corporate environmentalism have an influence on management accounting practices? A study of companies in environmental-sensitive industries. *Magisteruppsatser Företagsekonomiska institutionen*. Retrieved from: https://gupea.ub.gu.se/handle/2077/24350
- Lawrence, A. T., & Weber, J. (2008). Business and society: Stakeholders, ethics, public policy. *Tata McGraw-Hill Education*.
- Lazer, W., & Kelley, E. J. (1973). Social marketing: Perspectives and viewpoints. RD Irwin.
- Leiserowitz, A. A., Kates, R. W., & Parris, T. M. (2006). Sustainability values, attitudes, and behaviors: A review of multinational and global trends. Annu. Rev. *Environ. Resour.*, *31*, 413-444.

- Liang, F. (2010). Environmental sustainability, economic growth and distributive justice. (*Doctoral dissertation, City University of New York*.
- Lincoln, Y. S., & Guba, E. G. (1985). Naturalistic inquiry. Beverly Hills, CA: Sage.
- Luo, S. (2011). Corporate social responsibilities (CSR) in China: evidence from manufacturing in Guangdong province. (Doctoral dissertation, The Hong Kong Polytechnic University).
- Mack, N., Woodsong, C., MacQueen, K. M., Guest, G., & Namey, E. (2005). Qualitative research methods: a data collectors field guide.
- Manral, L. (2011). Managerial cognition as bases of innovation in organization. Management Research Review, 34(5), 576-594.
- Mansfield, G. M., & Fourie, L. C. H. (2004). Strategy and business models-strange bedfellows? A case for convergence and its evolution into strategic architecture. *South African Journal of Business Management, 1.*
- Marcus, S. E. (2005). Strategic decision-making in organizations that value financial, social, and environmental sustainability. *Portland State University*.
- Marshall, C., & Rossman, G. B. (1989). Design qualitative research. Sage publication
- Marshall, C., & Rossman, G. B. (2010). Designing qualitative research. *Sage Publications, Incorporated.*
- Massoud, J. A. (2010). Exploring Small and Medium Enterprise Social Responsibility in Argentina (*Doctoral dissertation, New Mexico State University*).
- Max, M. B., & Lynn, J. (2003). Symptom research: methods and opportunities.NIH Interactive text on clinical symptom research. retrieved from: http://painconsortium.nih.gov/symptomresearch/chapter_7/sec2/cmss2pg1.htm

- Maxwell, J. A. (2012). Qualitative Research Design: An Interactive Approach: An Interactive Approach. *Sage*.
- McKinley, A. (2009). The drivers and performance of corporate environmental and social responsibility in the Canadian mining industry (*Doctoral dissertation*, *University of Toronto*).
- McNulty, C. (2011). Indicators of Successful Social Justice Leadership: Problems,
 Strategies and What Counts as Successful Remedies for Injustice. *ProQuest LLC*.
 789 East Eisenhower Parkway, PO Box 1346, Ann Arbor, MI 48106.
- Merriam, S. B. (1988). Case study research in education: A qualitative approach. Jossey-Bass.
- Merriam, S. B. (2009). Qualitative research: A guide to design and implementation. Jossey-Bass.
- Merriam, S. B. (2009). Qualitative research: A guide to design and implementation: Revised and expanded from qualitative research and case study applications in education.
- Meyer, A. D. (1977). Hospital strategy, structure and process: The role of managerial perception and choice. Unpublished doctoral dissertation, *University of California, Berkeley*.
- Meyer, J.W & Rowan, B. (1977). Institutionalized organizations: Formal structure as myth and ceremony. *American Journal of Sociology*, 83: 340-363.
- Mihelcic, J.R., et al., (2003) Sustainability Science and Engineering: Emergence of a New Metadiscipline. *Environmental Science and Technology 37*(23) 5314-5324.

- Miles, M. B., & Huberman, A. M. (1994). Qualitative data analysis: An expanded sourcebook. *1994. Beverly Hills: Sage Publications*.
- Mintzberg,H. & Quinn ,J,B. (1996). the strategy process (3rd ed.). Prentice Hall, Englewood Cliffs,NJ.
- Misani, N. (2010). The convergence of corporate social responsibility practices. Management Research Review, 33(7), 734-748.
- Moore, S. B., & Manring, S. L. (2009). Strategy development in small and medium sized enterprises for sustainability and increased value creation. *Journal of cleaner production*, *17*(2), 276-282.
- Morris, J. J. (2012). Improving organizational adaptation through the analysis of strategy typology and environmental scanning process (*Doctoral dissertation*, *Capella University*).
- Mowla'ii , F (2012). bazar *khabar, news code 34946*. Retrieved from: http://www.bazarkhabar.ir/News.aspx?ID=34946)
- Mowla'ii, F (2012). Iranian labor news agent. *ilna.ir*, *news code 9479*. Retrieved from : http://ilna.ir/news/news.cfm?id=9479)
- Myers, M. D.(2009). Qualitative Research in Business & Management. Sage, London
- Naddafi (2013). Culprit of air pollution in Tehran. *Ebtekar.Online cod. 1635*. Retrieved from http://www.ebtekarnews.com/Ebtekar/News.aspx?NID=59116
- Nadkarni, S., & Barr, P. S. (2008). Environmental context, managerial cognition, and strategic action: an integrated view. *Strategic Management Journal*, 29(13), 1395-1427.

- NCRI report (2013). Iran: Air pollution reaching deadly levels in Tehran . Retrieved from: http://www.ncr-iran.org/en/news/economy/13715-iran-air-pollution-reaching-deadly-levels-in-tehran.html
- Neuman, W. L. (2003). Social research methods qualitative and quantitative approaches
- Neuman, W. L. (2006). Social research methods: Qualitative and quantitative approaches. *Boston, MA: Allyn & Bacon.*
- O'Shaughnessy, B.M. (2011). Corporate social responsibility: perspectives of leading firms in Bermuda. (*Doctoral dissertation, Capella University*)
- O'Connor, J. (2012). An Experiment on the Effect of Construal Level and Small Wins Framing on Environmental Sustainability Goal Commitment. *Georgia State* University
- Ogarcă, L. R. (2010). Features of the Decision-Making in SMEs. Annals of University of Craiova-Economic Sciences Series, 3(38).
- Orlitzky, M., Siegel, D. S., & Waldman, D. A. (2011). Strategic corporate social responsibility and environmental sustainability. *Business & society*, *50*(1), 6-27.
- O'Shaughnessy, BM (2011), Corporate Social Responsibility: Perspectives of Leading Firms in Bermuda, Ph. D. Dissertation, School of Business and Technology, Capella University.
- Ostad-Ahmad-Ghorabi, M. J., & Attari, M. (2012). Advancing environmental evaluation in cement industry in Iran. *Journal of Cleaner Production*.
- Palich, L. E., & Ray Bagby, D. (1995). Using cognitive theory to explain entrepreneurial risk-taking: Challenging conventional wisdom. *Journal of business venturing*, 10(6), 425-438.

- Papagiannakis, G., Voudouris, I., & Lioukas, S. (2014). The road to sustainability: Exploring the process of corporate environmental strategy over time. *Business Strategy and the Environment*, 23(4), 254-271.
- Park, J, E (2010). Exploring the effect of corporate social responsibility on firm performance: antecedent, mediator and moderators. (*Doctoral dissertation, University in Partial*)
- Park, J. H., & Ahn, Y. G. (2011). Strategic environmental management of Korean construction industry in the context of typology models. *Journal of Cleaner Production.*
- Paskert, J. M. (2008). The impact of corporate social responsibility practices on corporate financial performance and consumer loyalty (*Doctoral dissertation*, *University of Phoenix*).
- Patton, M. Q. (1990). Designing qualitative studies. Qualitative evaluation and research methods, *2, 145-198. John Wiley & Sons, Ltd.*
- Patton, M. Q. (2001). Qualitative research & evaluation methods. *Sage Publications, Incorporated.*
- Patton, M. Q. (2002). Qualitative evaluation and research methods (3rd ed.). Thousand Oaks, CA: Sage Publications, Inc.
- Paz-Vega, R. (2008). Corporate Social Responsibility, Action, and Performance in International Settings: A Critical Realist Perspective. (*Doctoral dissertation*)
- Perrini, F., Russo, A., & Tencati, A. (2007). CSR strategies of SMEs and large firms. Evidence from Italy. *Journal of Business Ethics*, 74(3), 285-300.

- Pezzey, J. C., & Burke, P. J. (2014). Towards a More Inclusive and Precautionary Indicator of Global Sustainability (No. 1410). Centre for Climate Economics & Policy, Crawford School of Public Policy, The Australian National University.
- Philippe, D., & Bansal, P. (2013, January). Embedding environmental actions in time and space: The evolution of sustainability narratives. In Academy of Management Proceedings (Vol. 2013, No. 1, p. 14098). Academy of Management.
- Phillips, M. (2014). Re-Writing Corporate Environmentalism: Ecofeminism, Corporeality and the Language of Feeling. Gender, Work & Organization.
- Pickard, A.J. (2007). research methods in information. London: Facet Pub.
- Poonia, V. S. (2010). Production and Operation Management. *New Central Book Agency Pvt Ltd*. Retrieved from: http://books.google.com.my/books
- Porter, M. E. (1980a). Competitive strategies: Techniques for analyzing industries and competitors. *The Free Pres, New York*.
- Porter, M.E. (1980b) Competitive Strategy, Free Press, New York, 1980.
- Prakash, A (2000). Greening the Firm: The Politics of Corporate Environmentalism. Cambridge University Press
- Protpakorn, R. (2010). The Effects of Resources and Institutional Pressures on Corporate Environmentalism (Doctoral dissertation, The Pennsylvania State University).
- Rahekargar (2013) . Environmental degradation and its damaging effects on living organisms and the Islamic Republic of least concern. Retrieved sep 10,2013 from http://rahekargar.wordpress.com/2013/08/24/mary-10869/

- Rahmaniankoshkaki, M., Amiri, M., & Pourmousavi, M. (2013). Statistical Model of the Assessment of Cultural Sustainable Development in Urban Areas, Case Study:
 Tehran. *International Journal of Sustainable Future for Human Security J-SustaiN* Vol. 1, No. 1 (2013) 23-29
- Ratcliff, D. (2002). Qualitative research methods. ratcliff.net. Retrieved from: http://don.ratcliff.net/qual/expq4.html
- Richards, L., & Morse, J.M. (2007).Users guide for qualitative methods (2nd Ed.). *Thousand Oaks, CA: Sage.*
- Roxas, B., & Coetzer, A. (2012). Institutional environment, managerial attitudes and environmental sustainability orientation of small firms. *Journal of Business Ethics*, *1-16*.

Saadatfar, A (2010). Retrieved sep 10,2013 from http://www.coolergazi.ir/A13

- Salehi, M., & Moradi, M. (2012). A Study the Reasons of Failure in Implementation of Enterprise Resource Management Systems in Iran. *Far East Journal of Psychology and Business*, 8.
- Sarkis, J. (2001). Manufacturing's role in corporate environmental sustainability-Concerns for the new millennium. *International Journal of Operations & Production Management*, 21(5/6), 666-686.
- Saur, T. D. (2008). The Pursuit of Competitive Advantage and the Strategic Behavior of Firms in Adopting Self-service Technology. *ProQuest*.
- Schein, E. H. (2010). Organizational culture and leadership (Vol. 2). John Wiley & Sons.

Scott, R. (1995). Institutions and Organizations, Thousand Oaks. CA: Sage Publications

- Scott, W. Richard (2004). Institutional theory. P408-14 in Encyclopedia of Social Theory, *George Ritzer, ed. Thousand Oaks, CA: Sage*.
- Sekajipo, L,D. (2010). A quantitative study of the role of corporations in managing corporate social responsibility. (*PhD dissertation. university of phoenix*)
- Sekajipo, L. D. (2011). A quantitative study of the role of corporations in managing corporate social responsibility (*Doctoral dissertation, University of Phoenix*).
- Sekaran, U., & Bougie, R. (2010). Research Methods for Business: A Skill Building .John Wiley & sons Ltd.
- Shah, K. U. & Rivera, J. E. (2013). Do industry associations influence corporate environmentalism in developing countries? Evidence from Trinidad and Tobago. *Policy Sciences*, 46(1), 39-62.
- Shahzad, A. M. (2011). Why Won't They Listen to Us: Stakeholder Pressure, Managerial Discretion and Corporate Social Performance (Doctoral dissertation, University of Oklahoma).
- Shang, H., Huang, P., & Guo, Y. (2010). Managerial cognition: the sources of sustainable competitive advantage in hypercompetition: A case study. *Nankai Business Review International*, 1(4), 444-459.
- Sheedy, J. (2011). Examining a Multi-national Corporation's Stance on Human Rights Responsibilities from the Perspective of the Corporation: A Case Study. (Doctoral dissertation, Prescott Valley, Arizona)
- Shepherd, D. A. & Patzelt, H. (2011), The New Field of Sustainable Entrepreneurship: Studying Entrepreneurial Action Linking "What Is to Be Sustained" With "What Is

to Be Developed". Entrepreneurship *Theory and Practice*, *35: 137–163. doi: 10.1111/j.1540-6520.2010.00426.x*

Silverman, D. (2006). Interpreting Qualitative Data: Methods for Analysing Talk, Text and Interaction (Third edition). *London: Sage*

Silverman, D. (2009). Doing qualitative research. Sage Publications Limited.

- Sim, A. B., & Teoh, H. Y. (2011). Relationships between business strategy, environment and controls: A three country study. *Journal of Applied Business Research (JABR)*, 13(4), 57-74.
- Somekh, B., & Lewin, C. (2005). Research methods in social sciences. London: Sage.
- Steiner, G. A. (1979). Strategic planning: What every manager must know. Free Pr.
- Stigson, B. (2000). Eco-efficiency: Creating more value with less impact. WBCSD, August.
- Stimpert, J., & Duhaime, I. (2008). Managerial Cognition and Strategic Decision Making in Diversified Firms. Available at SSRN 1095462.

Strauss, A., & Corbin, J. (1998). Basics of Qualitative Research. Thousand Oaks.

- Sturm, A. (1997). ISO 14001 Implementing an environmental management system. School of Management, Asian Institute of Technology.
- Sugita, M., & Takahashi, T. (2013). Influence of Corporate Culture on Environmental Management Performance: An Empirical Study of Japanese Firms. Corporate Social Responsibility and Environmental Management.
- Tang, Z., & Hull, C. (2012). An investigation of entrepreneurial orientation, perceived environmental hostility, and strategy application among Chinese SMEs. *Journal of Small Business Management*, 50(1), 132-158.

- Tang, Z., & Tang, J. (2012). Entrepreneurial orientation and SME performance in China's changing environment: The moderating effects of strategies. Asia Pacific Journal of Management, 29(2), 409-431.
- Tikkanen, H., Lamberg, J. A., Parvinen, P., & Kallunki, J. P. (2005). Managerial cognition, action and the business model of the firm. Management Decision, 43(6), 789-809.
- Torrance, H. (2005) in Somekh, B., & Lewin, C. (Eds.). (2005). Research methods in the social sciences. *Sage*.
- Tourangeau, W. (2011). Resource Governance and Environmental Sustainability: Experiences in Canada's Hemp Industry. *Resource*, *1*, *1-2012*.
- Tregoe, B. & Zimmerman, J. (1980). Top management strategy. *Simon & Schuster Adult Publishing Group*.
- Tuli, F. (2011). The Basis of Distinction Between Qualitative and Quantitative Research in Social Science: Reflection on Ontological, Epistemological and Methodological Perspectives. *Ethiopian Journal of Education and Sciences*, 6(1).
- Turan, F. K. (2010). A Quantitative Decision Model towards Maximizing Organizational Sustainability (*Doctoral dissertation, University of Pittsburgh*).
- Ugbaja, O. (2012). Leadership attitude toward social responsibility Managing occupational crisis in Niger Delta area, Nigeria (*Doctoral dissertation, University of Phoenix*).
- Ulrich, D., Zenger, J., & Smallwood, N. (2013). Results-based leadership. Harvard Business Press.

- UNEP (2011). United Nations Environment Programme. environment for development. UNEP publication. Retrieved from: http://www.unep.org/climatechange/
- Venkatraman, N. (1989). Strategic orientation of business enterprises: The construct, dimensionality, and measurement. *Management Science*, *35*(8), 942-962.
- Vom Brocke, J., & Seidel, S. (Eds.). (2012). Green Business Process Management: Towards the Sustainable Enterprise. Springer.
- Walls, J. L., & Hoffman, A. J. (2013). Exceptional boards: Environmental experience and positive deviance from institutional norms. *Journal of Organizational Behavior*, 34(2), 253-271.
- Walls, J. L., Berrone, P., & Phan, P. H. (2012). Corporate governance and environmental performance: is there really a link?. *Strategic Management Journal*.
- Weick, K. E. (1984). "Small wins: Redefining the Scale of Social Problems." *American Psychologist*, *39*(1): 40-49.
- Welford, R. (Ed.). (2013). Hijacking environmentalism: Corporate responses to sustainable development. Routledge.
- Williams, S., & Schaefer, A. (2012). Small and Medium-Sized Enterprises and Sustainability: Managers' Values and Engagement with Environmental and Climate Change Issues. *Business Strategy and the Environment*.
- Williamson, D., Lynch-Wood, G., & Ramsay, J. (2006). Drivers of environmental behaviour in manufacturing SMEs and the implications for CSR. *Journal of Business Ethics*, 67(3), 317-330.
- WMO (2013). A summary of current climate change findings and figures. UNEP Publication. Retrieved from

http://www.unep.org/climatechange/Publications/Publication/tabid/429/language/e n-US/Default.aspx?ID=6306

- Worthington, I., & Patton, D. (2005). Strategic intent in the management of the green environment within SMEs: an analysis of the UK screen-printing sector. *Long Range Planning*, *38*(2), *197-212*.
- Wüstenhagen, R. (2008). Sustainable innovation and entrepreneurship. *Edward Elgar Publishing*.
- Yang, M. (2011). Risk and Pollution Prevention Focused Environmental Management System (RP2EMS): A Case of Offshore Oil and Gas Operations (Doctoral dissertation, Memorial University of Newfoundland).
- Yin, R. K. (1993). Applications of case study research. *Newbury Park, CA: Sage Publishing*.
- Yin, R. K. (2003). Case studies research: design and methods. *Thousand Oaks, Sage*.
- Yin, R. K. (2008). Case study research: Design and methods (Vol. 5). Sage.
- Yin, R. K. (2009). Case Study Research: Design and Methods (Applied Social Research Methods). Sage Publications, Incorporated.
- Yin, R. K. (2011). Qualitative research from start to finish. Guilford Press.
- Yin, R. K. (1994). Case study research: Design and methods (2nd ed.). *Beverly Hills, CA: Sage Publishing.*
- Yousef Rashidi (2012) . air pollution. Air quality control company. Retrieved from: http://air.tehran.ir/

- Yu, H. (2010). Developing corporate social responsibility in China. A qualitative case study of a Chinese non-governmental organization. (Doctoral dissertation, University of Phoenix).
- Zaehle , S (2012). Global carbon dioxide emissions reach new record high. MAX-PLANCK-GESELLSCHAFT. Retrieved from: http://www.mpg.de/6678112/carbondioxide-climate-change
- Zhang, J. (2011). Environmental Sustainability of Service Supply Chains: Contract Design and Evidence on Operating Performance in the US Hospitality Industry (Doctoral dissertation, Boston University).
- Zhang, Y., Dolan, S., & Zhou, Y. (2009). Management by values: a theoretical proposal for strategic human resource management in China. *Chinese Management Studies*, 3(4), 272-294.