The copyright © of this thesis belongs to its rightful author and/or other copyright owner. Copies can be accessed and downloaded for non-commercial or learning purposes without any charge and permission. The thesis cannot be reproduced or quoted as a whole without the permission from its rightful owner. No alteration or changes in format is allowed without permission from its rightful owner.



AN EXPLORATORY STUDY ON SOCIAL ENGAGEMENT USING FACEBOOK AMONG HOTEL OPERATORS IN MALAYSIA



MASTER OF SCIENCE (INFORMATION TECHNOLOGY) UNIVERSITI UTARA MALAYSIA 2016

PERMISSION TO USE

In presenting this thesis in fulfilment of the requirements for a postgraduate degree from Universiti Utara Malaysia, I agree that the University's Library may make it freely available for inspection. I further agree that permission for the copying of this thesis in any manner, in whole or in part, for scholarly purpose may be granted by my supervisor(s) or, in their absence, by the Dean of Graduate School of Arts and Sciences, Awang Had Salleh. It is understood that any copying or publication or use of this thesis or parts thereof 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 Universiti Utara Malaysia for any scholarly use which may be made of any material from my thesis.

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

Dean Awang Had Salleh of Graduate School of Arts and Sciences

UUM College of Arts and Sciences

Universiti Utara Malaysia 06010 UUM Sintok

ABSTRACT

The use of social media has changed the way communication and interaction with each other and also with business companies such as how hotel industries take place. Currently, social media is the main tool in hotel industry in facilitating the marketing besides being used in engaging with customers. Indeed, recent studies had discovered that customers make decision largely based on the influence of user-generated content and word of mouth. However, there are limited studies which examined the use of Facebook as a tool to engage with customers especially in Malaysia. Thus, this study aims at exploring the use of social media among Malaysian hotels and how these hotels engage with customers through Facebook. Besides, this study also attempts to identify the metrics used by Malaysian hotels to measure the engagement of their customers. Data were collected through interview and content analysis over the Facebook page of selected hotels. The results had indicated that hotels use Facebook as an important communication tool to engage with their customers in various ways. Besides the benefits, this study also discovered some difficulties faced by the hotels when they communicate socially with their customers. On top of that, this study determined that hotels measure their engagement with customers through Facebook in two ways: (i) using software; and (ii) monitoring the page from inside. The results also had shown that some of the hotels are confused about the way to measure the engagement, in which they only focus on certain metrics while others are neglected. In a nutshell, Facebook pages of Malaysian hotels have a relatively weak engagement with customers especially in voice opinion and advocacy. In contrast, attitude expression has a moderate level.

Universiti Utara Malaysia

Keywords: Social media, Facebook, benchmark, Malaysia, hotels.

ABSTRAK

Penggunaan media sosial telah mengubah corak komunikasi dan interaksi di kalangan pengguna dan entiti perniagaan seperti industri perhotelan. Pada masa ini, media sosial merupakan alatan pemasaran dan perhubungan utama dalam industri perhotelan. Malahan, penemuan terkini menunjukkan tetamu hotel membuat keputusan berdasar pengaruh kandungan hasilan pengguna dan komunikasi Walaubagaimanapun, kajian mengenai penggunaan Facebook sebagai alatan perhubungan dengan tetamu terutama di Malaysia masih terlalu kurang. Maka, kajian ini menetapkan matlamat untuk mengkaji penggunaan media sosial di kalangan hotel di Malaysia dan bagaimana hotel-hotel di Malaysia berhubung dengan tetamu mereka melalui Facebook. Di samping itu, kajian ini berhasrat untuk mengenal pasti metrik yang digunakan oleh hotel-hotel di Malaysia bagi mengukur hubungan mereka dengan tetamu. Data dikumpul melalui temuduga dan analisis kandungan terhadap laman Facebook hotel terpilih. Dapatan kajian menunjukkan bahawa hotel menggunakan Facebook sebagai alatan komunikasi penting untuk berhubung dengan tetamu mereka melalui pelbagai cara. Selain dari faedah, kajian ini juga menemui beberapa kelemahan ketika berkomunikasi dengan tetamu. Selain itu, kajian ini mendapati bahawa hotel mengukur hubungan mereka dengan tetamu melalui Facebook dengan dua cara: (i) melalui penggunaan perisian; dan (ii) pemantauan dalaman. Dapatan juga menunjukkan bahawa terdapat hotel yang keliru mengenai cara mengukur hubungan mereka dengan tetamu, mengakibatkan mereka mengambil kira metrik tertentu dan mengabaikan yang lain. Kesimpulannya, penggunaan laman Facebook di hotel-hotel di Malaysia mempunyai hubungan yang lemah dengan tetamu terutama dari segi aspek pendapat dan sokongan lisan. Sebaliknya, penterjemahan sikap mempunyai hubungan yang lebih baik.

Keywords: Media sosial, Facebook, penanda aras, Malaysia, hotel.

ACKNOWLEDGEMENT

In the name of Allah, the most Gracious the most Merciful, I would like to thank Allah the Almighty for His blessings and help in completing this research by giving me the strength and courage to accomplish this work.

I am truly grateful and in-debt to many persons that have encouraged me through this hard yet challenging journey. Whilst being grateful to all of them, I must register my gratefulness to some particular individuals. Special thanks to my supervisors Assoc. Prof. Abdul Bashah Mat Ali and Dr. Kamarul Faizal Hashim, who have guided me in every stage of the research process, and also provided constructive comments which had helped me in leading this work to the right track. I am praying to God to keep them safe from all harms. It has been an honor for me to work with them.

I would like to dedicate these years of hard work and persistence to my family members – My father and mother (God's mercy upon their souls), my second mother (Keffah), who endured many hardships to raise me. My warm thanks to my beloved wife (Jihan) for believing in me and for her patience and support. I also like to dedicate this work to my wonderful children Ahmed and Mayar.

Special thanks go to my brothers and sisters especially my elder brother Haider, my father and mother-in-law; my brothers and sisters-in-law for their love and support. My appreciation goes for my mentor, Prof. Dr. Jamal Al-Dabbagh for his kind friendship and prayers.

I would also like to thank (Dr. Nassir, Waleed, Abbas, Mohamed, Hamzah, Saif, Haitham, Ameen, Ali, Maher, Hussein, Ali, Hassan and Habib) and all my friends for their love and support, my goal would not be achieved without them.

I dedicated this hard work to all those whom enriched my life, they were a true blessing, God bless you all.

TABLE OF CONTENTS

PERMISSION TO USE	I
ABSTRACT	II
ABSTRAK	III
ACKNOWLEDGEMENT	IV
TABLE OF CONTENTS	V
LIST OF TABLES	VIII
LIST OF FIGURES	IX
LIST OF ABBREVIATIONS	X
CHAPTER ONE: OVERVIEW	1
1.1 Introduction	1
1.2 Background	1
1.3 Problem Statement and Motivation	4
1.4 Research Questions	4
1.5 Research Objectives	7
1.6 Scope of Study	8
1.7 Summary of the Chapter One	8
CHAPTER TWO: LITEREATURE REVIEW	9
2.1 Introduction	9
2.2 Information and Communication Technology (ICT) and Business	9
2.3 Web 2.0	12
2.4 Social Media	14
2.5 Types of Social Media	15
2.5.1 Social Networks	16
2.5.2 Blogs	17
2.5.3 Micro-blogging	17
2.5.4 Multimedia Sharing Platform	18

2.5.5 Rating and Review Platforms	18
2.5.6 Question and Answer Platforms	19
2.5.7 Location Sharing and Annotation Platforms	19
2.5.8 Online Forum	19
2.6 Social Media Benefits	21
2.7 Adopting Social Media in Hotels Industry	22
2.8 Tourism in Malaysia	24
2.9 Previous Studies on Hotels and Social Media	28
2.10 Social Media Analytics	30
2.11 Elements of the Facebook Page	31
2.12 Previous Studies of Social Media Metrics	34
2.13 Social Media Engagement	39
2.14 Adopted Social Engagement Benchmark	41
2.15 Summary of the Chapter Two	44
CHAPTER THREE: RESEARCH METHODOLOGY	
3.1 Introduction	45
3.2 Research Design	45
3.3 Identification of Research Problem	46
3.4 Benchmark for Measuring Social Media Engagement	
3.5 Research Method	47
3.5 Research Method	
	49
3.5.1 Population and Sample	49 49
3.5.1 Population and Sample	49 49 51
3.5.1 Population and Sample 3.5.2 Data Collection 3.5.3 Data Analysis 3.5.4 Preparation of Final Report	49 51 53
3.5.1 Population and Sample 3.5.2 Data Collection 3.5.3 Data Analysis 3.5.4 Preparation of Final Report 3.6 Summary of the Chapter Three	49 51 53
3.5.1 Population and Sample 3.5.2 Data Collection 3.5.3 Data Analysis 3.5.4 Preparation of Final Report 3.6 Summary of the Chapter Three CHAPTER FOUR: THE RESULTS	
3.5.1 Population and Sample 3.5.2 Data Collection 3.5.3 Data Analysis 3.5.4 Preparation of Final Report 3.6 Summary of the Chapter Three CHAPTER FOUR: THE RESULTS 4.1 Introduction	
3.5.2 Data Collection	

4.3 Quantitative Analysis	71
4.3.1 Profile of the Selected Hotels	71
4.3.2 Quantitative Findings	73
CHAPTER FIVE: DISCUSSIONS AND CONCLUSIONS	89
5.1 Introduction	89
5.2 Discussion on Research Objectives	89
5.2.1 Research Objective 1: To understand how Malaysia's hotel open	rators use
Facebook to socially engage with customers	89
5.2.2 Research Objective 2: To identify the technique used by Malays	ia's hotel
operators to measure their level of social engagement	92
5.2.3 Research Objective 3: To assess the level of social engagement	between
hotel operators in Malaysia using Facebook	95
5.3 Contribution of the Study	97
5.4 Limitations of the Study	99
5.5 Conclusion and Future Work	101
REFERENCES	103
APPENDIX A: INTERVIEW QUESTIONS	
APPENDIX B: INFORMED CONSENT FORM	129
APPENDIX C: CATEGORIES FOR CONTENT ANALYSIS	131

LIST OF TABLES

Table 2.1 The different between web 1.0 and web 2.0 (source: Barefoot and Szab	o, 2010;
Bernal, 2009)	13
Table 2.2 Summary previous studies in hotels and social media	28
Table 2.3 Previous studies of social media metrics for measure the engagement	36
Table 4.1 Demographic Profile of the Participants	58
Table 4.2 Forty Hotels with its Facebook pages	71
Table 4.3 Illustrate the different number of likes for hotels pages	75
Table 4.4 Numbers of likes per post	77
Table 4.5 Numbers of comments per post	78
Table 4.6 Number of shares per post	80
Table 4.7 Number of check-in	83
Table 4.8 The engagement index	85
Table 5.1 The indicators (features) mentioned by participants	95

Universiti Utara Malaysia

LIST OF FIGURES

Figure 2.1 Key social platforms (Wyrwoll, 2014, p. 20)	16
Figure 2.2 Example of a Facebook Timeline page (screenshot date: 28/10/2015)	33
Figure 2.3 Different dimensions of proposed benchmark for measurement of social med	ia
engagement	11
Figure 3.1 Research Framework	16
Figure 4.1 Illustrate the interactive among the customers.	50
Figure 4.2 Replay the customer's comments by hotels	51
Figure 4.3 Illustrate the percentage number of likes for hotels pages	74
Figure 4.4 Illustrate the percentage number of check-in for hotels pages	33
Figure 4.5 The percentage of engagement index	37
Figure 5.1 Percentage of number likes per post for hotels	€7



LIST OF ABBREVIATIONS

ICT: Information Communication Technology

SNS: Social Network Site

MAH: Malaysian Association of Hotel

SMM: Social Media Marketing

UGC: User Generate Content

WOM: Word of Mouth



CHAPTER ONE OVERVIEW

1.1 Introduction

The goal of this chapter is to address the context of this study. It begins with the background of the study, deliberating the problem statement and motivation, outlining the research questions, stating the research objectives, and underlining the scope of the study. It also expresses the summarize of the chapter.

1.2 Background

The role of Information and Communication Technology (ICT) in tourism industry plays a vital role as an effective marketing tool. Tourism is one of the major industries that have been benefiting from ICT. Previous studies (Buhalis, 2003; Frew, 2000; Liburd, 2005) discovered that ICT has been regarded as a tactical tool in helping and facilitating tourism development. Recently, Leue, Jung, and Knowles (2013) found that ICT with internet access is used in communication and sales in most sectors, including those related to tourism. In fact, Law, Leung, and Buhalis (2009) earlier discovered that ICT has become an important and crucial tool for competitive processes in the tourism industry and hotel operators, in addition to managing the marketing and distribution for firms universally. This means the process of managing, developing, and marketing tourism destinations and products has been diversified (DANTE, 2014). It is possible because the Internet is a huge repository of information (Khatri & Mittal, 2015) that offers a global reach, is easily accessible, is cost-effective and is convenient.

The contents of the thesis is for internal user only

REFERENCES

- Ab Hamid, N. R., Razak, U. T. A., Akhir, R. M., & Cheng, A. Y. (2013). Social media: an emerging dimension of marketing communication. *Journal of Management and Marketing Research*, 12, 1-8.
- Ahmed, A. A. (2014). The relationship between human resource management and employee performance among hotels in Langkawi (Doctoral dissertation, Universiti Utara Malaysia).
- Ainin, S., Parveen, F., Moghavvemi, S., Jaafar, N. I., & Mohd Shuib, N. L. (2015). Factors influencing the use of social media by SMEs and its performance outcomes. *Industrial Management & Data Systems*, 115(3), 570-588.
- Albeladi, K. S., Khan, U., & Khan, P. (2014). *Driving business value through an effective IT strategy development*. Paper presented at the Computing for Sustainable Global Development (INDIACom), 2014 International Conference on.
- Ali, A., & J. Frew, A. (2014). ICT and sustainable tourism development: an innovative perspective. *Journal of Hospitality and Tourism Technology*, 5(1), 2-16.
- Ali, N. N. K., Roslan, N. R., Mahmood, A., & Venugopal, M. (2015). Enhancing Georgetown's Heritage Boutique Hotel Marketing Strategies: The Case of 1881 Chong Tian Cultural Hotel, Malaysia. *Asia-Pacific Management and Business Application*, 3(3), pp. 145-160.
- Ambler, T. (2011). Social Media Analytics. *International Journal of Advertising*, 30(5), 918-919.
- Aral, S., Dellarocas, C., & Godes, D. (2013). Introduction to the special issue-social media and business transformation: A framework for research. *Information Systems Research*, 24(1), 3-13.
- Arca, C. (2012). Social Media Marketing Benefits for Businesses: Why and how should every business create and develop its Social Media Sites?, Thesis-Mater of International Marketing.
- Bacheldor, B. (1999). Hospitality & Travel: A Trip to Grandma's Goes High Tech. *Information Week*, 27 September, 189.

- Bailey, D. (1987). *Methods of social research* (2nd edition). New York: The Free Press.
- Baker, S. E., & Edwards, R. (2012). How many qualitative interviews is enough? Expert voices and early career reflections on sampling and cases in qualitative research.
- Balaji, M., Jha, S., & Royne, M. B. (2015). Customer e-complaining behaviours using social media. *The Service Industries Journal*, *35*(11-12), 633-654.
- Barefoot, D., & Szabo, J. (2010). Friends with benefits: A social media marketing handbook. No Starch Press
- Barger, V. A., & Labrecque, L. (2013). An Integrated Marketing Communications Perspective on Social Media Metrics. *International Journal of Integrated Marketing Communications, Forthcoming*.
- Baruah, T. D. (2012). Effectiveness of Social media as a tool of communication and its potential for technology enabled connections: A micro level study. *International Journal of Scientific and Research Publications*, 2(5), 1-9.
- Bazeley, P., & Jackson, K.. (2013). *Qualitative data analysis with NVivo*. Sage Publications Limited.
- Bernal, J. (2010). Web 2.0 and Social Networking for the Enterprise: Guidelines and Examples for Implementation and Management Within Your Organization: Pearson Education.
- Berné, C., García-González, M., García-Uceda, M. E., & Múgica, J. M. (2015). The effect of ICT on relationship enhancement and performance in tourism channels. *Tourism Management*, 48, 188-198.
- Bhatia, S., Biyani, P., & Mitra, P. (2014). Summarizing Online Forum Discussions-Can Dialog Acts of Individual Messages Help? Paper presented at the EMNLP.
- Bogdan, R., & Biklen, S. (2006). Qualitative research in (validation) and qualitative (inquiry) studies: Allyn & Bacon.
- Bohari, A. M., Hin, C. W., & Fuad, N. (2013). An analysis on the competitiveness of halal food industry in Malaysia: an approach of SWOT and ICT strategy. *Geografia: Malaysian Journal of Society and Space*, 9(1), 1-11.

- Bonsón, E., & Ratkai, M. (2013). A set of metrics to assess stakeholder engagement and social legitimacy on a corporate Facebook page. *Online Information Review*, *37*(5), 787-803.
- Bonsón, E., Ratkai, M., & Royo, S. (2016). Facebook Use in Western European Local Governments: An Overall View. In *Social Media and Local Governments* (pp. 59-77). Springer International Publishing.
- Bonsón, E., Royo, S., & Ratkai, M. (2014). Facebook Practices in Western European Municipalities An Empirical Analysis of Activity and Citizens' Engagement. *Administration & Society*, 0095399714544945.
- Bortree, D. S., & Seltzer, T. (2009). Dialogic strategies and outcomes: An analysis of environmental advocacy groups' Facebook profiles. *Public Relations Review*, *35*(3), 317-319.
- Bowe, J., Lockshin, L., Rungie, C., & Lee, R. (2015). Wine and Tourism: A Good Blend Goes a Long Way *Ideas in Marketing: Finding the New and Polishing the Old* (pp. 309-312): Springer.
- Bowen, G., & Ozuem, W. (2014). Computer-Mediated Marketing Strategies: Social Media and Online Brand Communities: Igi Global.
- Boyd, D., & Ellison, N. (2008). Social network sites: Definition, history, and scholarship. Journal of Computer Mediated Communication, 13(1), 210—230.
- Bradbury, K. (2011). Blogbury N academic writing N analysis paper: Fall 2011: The growing role of social media in tourism marketing (COMM 427). Available online.
- Brown, S., Kozinets, R. V., & Sherry Jr, J. F. (2003). Teaching old brands new tricks: Retro branding and the revival of brand meaning. *Journal of Marketing*, 67(3), 19-33.
- Bruque, S., & Moyano, J. (2007). Organisational determinants of information technology adoption and implementation in SMEs: The case of family and cooperative firms. *Technovation*, 27(5), 241-253.
- Budd, D. B., Ismail, A. F., & Murphy, J. (2015). Comparing Australian and Malaysian Destination's Internet Diffusion *Ideas in Marketing: Finding the New and Polishing the Old* (pp. 794-797): Springer.

- Buhalis, D. (2003). *eTourism: Information technology for strategic tourism management*: Pearson Education.
- Buhalis, D., & Law, R. (2008). Progress in information technology and tourism management: 20 years on and 10 years after the Internet—The state of eTourism research. *Tourism management*, 29(4), 609-623.
- Buhalis, D., & Mamalakis, E. (2015). Social media return on investment and performance evaluation in the hotel industry context *Information and Communication Technologies in Tourism 2015* (pp. 241-253): Springer.
- Burns, B. and Grove, S. K. (2003) *Understanding nursing research*. (3rd Ed.) Philadelphia. Saunders.
- Buted, D. R., Gillespie, N. S., Conti, J. B., Delgado, B. A., Marasigan, R. M. P., Rubico, S. K. A., & Felicen, S. S. (2014). Effects of Social Media in the Tourism Industry of Batangas Province. Asia Pacific Journal of Multidisciplinary Research/Vol, 2(3).
- Carbonara, N. (2005). Information and communication technology and geographical clusters: opportunities and spread. *Technovation*, 25(3), 213-222.
- Ceccobelli, M., Gitto, S., & Mancuso, P. (2012). ICT capital and labour productivity growth: A non-parametric analysis of 14 OECD countries. *Telecommunications Policy*, 36(4), 282-292.
- Chan, N. L., & Guillet, B. D. (2011). Investigation of social media marketing: how does the hotel industry in Hong Kong perform in marketing on social media websites?. *Journal of Travel & Tourism Marketing*, 28(4), 345-368.
- Chisaka, C., & Vakalisa, N. (2000). Gathering and analysis of data using qualitative research methods in education. In *Proceedings of the Conference at Rand Afrikaans University*.
- Chon, K. S., Elgin, B., & Oppermann, M. (1997). Malaysia's Tourism Development and Marketing. *Journal of International Hospitality, Leisure & Tourism Management*, 1(1), 79-89.
- Christou, E., & Nella, A. (2012). Web 2.0 and networks in wine tourism: The case studies of greatwinecapitals. com and wineandhospitalitynetwork. com. *Teoksessa: Sigala, M., Christou, E. & Gretzel, U.(toim.) Social Media in Travel, Tourism and Hospitality. Theory, Practice and Cases*, 11-24.

- Chung, N., & Koo, C. (2015). The use of social media in travel information search. *Telematics and Informatics*, 32(2), 215-229.
- Chung, T. L. D., Anaza, N. A., Park, J., & Hall-Phillips, A. (2016). Who's behind the screen? Segmenting social venture consumers through social media usage. *Journal of Retailing and Consumer Services*, 28, 288-295.
- Cohen, D. (2012). *Facebook offers more details on location tagging*. Retrieved from http://www.adweek.com/socialtimes/facebook-location-api/384536?red=af
- Cohen, L., Manion, L., & Morrison, K. (2007). Research Methods in Education: The Higher Education Academy Innovation Way. York Science Park, Heslington, York YO10 5BR.
- Constantinides, E., & Fountain, S. J. (2008). Web 2.0: Conceptual foundations and marketing issues. *Journal of Direct, Data and Digital Marketing Practice*, 9(3), 231-244.
- Cooke, M., & Buckley, N. (2008). Web 2.0, social networks and the future of market research. *International Journal of Market Research*, 50(2), 267.
- Cooper, C. (2008). Tourism: Principles and practice: Pearson education.
- Corso, M., Martini, A., Pellegrini, L., & Paolucci, E. (2003). Technological and organizational tools for knowledge management: in search of configurations. Small Business Economics, 21(4), 397-408.
- Cox, C., Burgess, S., Sellitto, C., & Buultjens, J. (2009). The role of user-generated content in tourists' travel planning behavior. *Journal of Hospitality Marketing & Management*, 18(8), 743-764.
- Creswell, J. (2009). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches* (3rd ed.). Thousands Oak, California: Sage Publications Inc.
- Creswell, J. W. (2007). Qualitative inquiry & research design: Choosing among five approaches (2nd ed.)
- Creswell, J. W. (2012) Educational research: planning, conducting, and evaluating quantitative and qualitative research (4th ed.) Boston, Pearson Education.
- Creswell, J. W. (2013). Qualitative Inquiry and Research Design: Choosing Among Five Approaches: Sage.

- Culnan, M. J., McHugh, P. J., & Zubillaga, J. I. (2010). How large US companies can use Twitter and other social media to gain business value. *MIS Quarterly Executive*, 9(4), 243-259.
- Cvijikj, I. P., & Michahelles, F. (2013). Online engagement factors on Facebook brand pages. *Social Network Analysis and Mining*, *3*(4), 843-861.
- DANTE. (2014). How to reinforce ICT and tourism strategies in rural & mountain areas? Tools and strategies. Final Conference. Digital Agenda for New Tourism Approach in European Rural and Mountain Areas. Project co-financed by the ERDF and made possible by the INTERREG IVC programme. http://danteproject.eu/sites/danteproject.eu/files/goodpractices/DANTE_Thematic_Guidelines.pdf.
- Dawson, C. (2002). Practical Research Methods. A user-friendly guide to mastering research techniques and projects. Magdalen Road: Oxford OX4 1RE. United Kingdom.
- de Búrca, S., Fynes, B., & Marshall, D. (2005). Strategic technology adoption: extending ERP across the supply chain. *Journal of Enterprise Information Management*, 18(4), 427-440.
- De Vries, L., Gensler, S., & Leeflang, P. S. (2012). Popularity of brand posts on brand fan pages: An investigation of the effects of social media marketing. *Journal of Interactive Marketing*, 26(2), 83-91.
- Dehghani, M., & Tumer, M. (2015). A research on effectiveness of Facebook advertising on enhancing purchase intention of consumers. *Computers in Human Behavior*, 49, 597-600.
- Delina, R., Packová, M., Roztocki, N., & Weistroffer, H. R. (2013). *Information Technology Investments and Stock Market Reaction: Evidence from Czech Republic, Hungary and Slovakia*. Paper presented at the Proceedings of the Second International Conference on ICT Management for Global Competitiveness and Economic Growth in Emerging Economies (ICTM 2013), Wroclaw, Poland.
- DeMers, J. (2014). The confluence of content and social media: insights for success in 2014 Forbes. Retrieve from:

- http://www.forbes.com/sites/jaysondemers/2014/02/04/the-confluence-of-content-andsocial-media-insights-for-success-in-2014.
- Dey, I. (1993). *Qualitative Data Analysis: A User Friendly Guide for Social Scientists*, London, Routledge.
- Dholakia, U. M., & Durham, E. (2010). One café chain's Facebook experiment. Harvard Business Review, 88(3), 26.
- Dijkmans, C., Kerkhof, P., & Beukeboom, C. J. (2015). A stage to engage: Social media use and corporate reputation. *Tourism Management*, 47, 58-67.
- DiStaso, M., & McCorkindale, T. (2013). A benchmark analysis of the strategic use of social media for fortune's most admired us companies on Facebook, Twitter and Youtube. *Public relations journal*, 7(1), 1-33.
- Dobija, D., Klimczak, K. M., Roztocki, N., & Weistroffer, H. R. (2012). Information technology investment announcements and market value in transition economies: Evidence from Warsaw Stock Exchange. *The Journal of Strategic Information Systems*, 21(4), 308-319.
- Dong, J. Q., & Wu, W. (2015). Business value of social media technologies: Evidence from online user innovation communities. *The Journal of Strategic Information Systems*.
- Duggan, M., Ellison, N. B., Lampe, C., Lenhart, A., & Madden, M. (2015). Social media update 2014. *Pew Research Center*, 19.
- e-marketer (2012). *Marketers Value Social Media for Both Branding and Customer Acquisition*. Retrieve from: http://www.emarketer.com/Article/Marketers-Value-Social-Media-Both-Branding-Customer-Acquisition/1008802.
- Enders, A., Hungenberg, H., Denker, H. P., & Mauch, S. (2008). The long tail of social networking.: Revenue models of social networking sites. *European Management Journal*, 26(3), 199-211.
- Essawy, M. (2005). Exploring the presence and exploitation of e-relationship marketing by UK based multi-unit hotel brands. *Information and communication technologies in tourism* 2005, 338-349.
- Ettestad, S. (2008). Easy Travel 2.0 Strategies Hotels Can Implement Today. *Hospitality Upgrade* (Summer 2008), 172.

- Farris, P. W., Bendle, N. T., Pfeifer, P. E., & Reibstein, D. J. (2010). *Marketing Metrics: The Definitive Guide to Measuring Marketing Performance*: Pearson Education.
- Fidzani, L. C., & Caughey, C. (2015). First Impressions of Hotel Lobbies as Inferences About Hotels: A Marketing Tool. *Botswana Journal of Business*, 7(1), 1-12.
- Filieri, R., & McLeay, F. (2014). E-WOM and accommodation an analysis of the factors that influence travelers' adoption of information from online reviews. *Journal of Travel Research*, 53(1), 44-57.
- Fisher, C. (2007). Researching and writing a dissertation: a guidebook for business students. Pearson Education.
- Freitag, R., & Pyka, D. (2009). Global Tourism in 2008 and Beyond–World Travel Monitor's Basic Figures. In *Trends and Issues in Global Tourism 2009*(pp. 3-27). Springer Berlin Heidelberg
- Frew, A. J. (2000). Information technology and tourism: A research agenda. *Information Technology & Tourism*, 3(2), 99-110.
- Fuchs, M., Scholochov, C., & Höpken, W. (2009). E-Business adoption, use, and value creation: An Austrian Hotel Study. *Information Technology & Tourism*, 11(4), 267-284.
- Gainous, J., & Wagner, K. M. (2014). Tweeting to power: The social media revolution in American politics. Oxford University Press.
- Gardner, D. (2012). Engaging fans on Facebook: how New Zealand organisations are communicating on Facebook to build and maintain relationships with their publics: a thesis presented in partial fulfilment of the requirements for the degree of Master of Management in Communication Management at Massey University, Wellington, New Zealand (Doctoral dissertation).
- Gerolimos, M. (2011). Academic Libraries on Facebook: An Analysis of Users' Comments. *D-Lib Magazine*, 17(11/12), 4.
- Glazer, H. (2012). "Likes" are lovely, but do they lead to more logins? Developing metrics for academic libraries' Facebook pages. *College & Research Libraries News*, 73(1), 18-21.
- Grégoire, Y., Salle, A., & Tripp, T. M. (2015). Managing social media crises with your customers: The good, the bad, and the ugly. *Business Horizons*, 58(2), 173-182.

- Grunfeld, H., Mao, N., de Lacy, T., & Houghton, J.(2012). ICT, TOURISM AND POVERTY REDUCTION.
- Grunig, J. E. (2009). Paradigms of global public relations in an age of digitalisation. *PRism*, 6(2), 1-19.
- Gruzd, A., Staves, K., & Wilk, A. (2012). Connected scholars: Examining the role of social media in research practices of faculty using the UTAUT model. *Computers in Human Behavior*, 28(6), 2340-2350.
- Gummerus, J., Liljander, V., Weman, E., & Pihlström, M. (2012). Customer engagement in a Facebook brand community. *Management Research Review*, 35(9), 857-877.
- Gupta, P., & Harris, J. (2010). How e-WOM recommendations influence product consideration and quality of choice: A motivation to process information perspective. *Journal of Business Research*, 63(9), 1041-1049.
- Hair, J. F., Babin, B., Money, A.H., & Samouel, P. (2003). *Essentials of Business Research Methods*. New Jersey: John Wiley and Sons, Inc.
- Ham, S., Kim, W. G., & Jeong, S. (2005). Effect of information technology on performance in upscale hotels. *International Journal of Hospitality Management*, 24(2), 281-294.
- Hanafiah, M. H. M., & Harun, M. F. M. (2010). Tourism demand in Malaysia: A cross-sectional pool time-series analysis. *International Journal of trade, economics and Finance*, 1(1), 80-83.
- Hanan, F. A., & Zainal, A. (2012). The relationship between occupational culture, organization tenure and occupational commitment of chefs in 4 and 5-star hotels in Kuala Lumpur. Current Issues in Hospitality and Tourism: Research and Innovations, 205.
- Hanna, R., Rohm, A., & Crittenden, V. L. (2011). We're all connected: The power of the social media ecosystem. *Business horizons*, *54*(3), 265-273.
- Hashim, N. H., Murphy, J., Doina, O., & O'Connor, P. (2014). Bandwagon and leapfrog effects in Internet implementation. *International Journal of Hospitality Management*, 37, 91-98.
- Hatch, J. A. (2002). Doing qualitative research in education settings. Suny Press.

- Hays, S., Page, S. J., & Buhalis, D. (2013). Social media as a destination marketing tool: its use by national tourism organisations. *Current Issues in Tourism*, 16(3), 211-239.
- Hennig-Thurau, T., Gwinner, K. P., Walsh, G., & Gremler, D. D. (2004). Electronic word-of-mouth via consumer-opinion platforms: what motivates consumers to articulate themselves on the internet? *Journal of Interactive Marketing*, 18(1), 38-52.
- Hennink, M., Hutter, I., & Bailey, A. (2010). Qualitative research methods: Sage.
- Hoffman, D. L., & Fodor, M. (2010). Can you measure the ROI of your social media marketing. *MIT Sloan Management Review*, 52(1), 41-49.
- Hollebeek, L. D. (2011). Demystifying customer brand engagement: Exploring the loyalty nexus. *Journal of Marketing Management*, 27(7-8), 785-807.
- Hossein, S. (2007). Response modeling in direct marketing. Master thesis, Department of business administration and social science, University of Technology, Iran.
- Hosseini, B. S., Mohd-Roslin, R., & Mihanyar, P. (2014). Sensory marketing influence on customer lifetime value of the hotel industry. *Theory and Practice in Hospitality and Tourism Research*, 117.
- Hotelmarketing.com. (2011). *One quarter of hotels not using social media*. Retrieved from http://hotelmarketing.com/index.php/content/article/one_quarter_of_hotels_not_using_social_media.
- Hsu, Y.-L. (2012). Facebook as international eMarketing strategy of Taiwan hotels. *International Journal of Hospitality Management*, 31(3), 972-980.
- Hudson, S., Huang, L., Roth, M. S., & Madden, T. J. (2015). The influence of social media interactions on consumer-brand relationships: A three-country study of brand perceptions and marketing behaviors. *International Journal of Research* in Marketing.
- Hung, S.-W., & Tang, R.-H. (2008). Factors affecting the choice of technology acquisition mode: An empirical analysis of the electronic firms of Japan, Korea and Taiwan. *Technovation*, 28(9), 551-563.
- Huo, Y. H. (1998). Information technology and the performance of the restaurant firms. *Journal of Hospitality & Tourism Research*, 22(3), 239-251.

- Inversini, A., & Masiero, L. (2014). Selling rooms online: the use of social media and online travel agents. *International Journal of Contemporary Hospitality Management*, 26(2), 272-292.
- Inversini, A., & Sykes, E. (2013). An investigation into the use of social media marketing and measuring its effectiveness in the events industry. *In Information and Communication Technologies in Tourism 2014* (pp. 131-144). Springer International Publishing.
- Jala, J., Sistla, K., & Mathews, N. M. (2016). CLASSROOM MANAGEMENT LESSONS FROM FACEBOOK. International Journal of Current Research and Review, 8(5), 37-41.
- Jiao, Y., Gao, J., & Yang, J. (2015). Social Value and Content Value in Social Media: Two Ways to Flow. *Journal of Advanced Management Science Vol*,3(4).
- Johnson, M.A. (2011). *The fashion industry thrives on social media*. Retrieved from: http://www.promotionworld.com/marketing/online/article/111117-the-fashion-industry-thrives-on-social-media.
- Jorgenson, D. W., & Vu, K. (2007). Information technology and the world growth resurgence. *German Economic Review*, 8(2), 125-145.
- Jorgenson, D. W., Ho, M. S., & Samuels, J. D. (2011). Information technology and US productivity growth: evidence from a prototype industry production account. *Journal of Productivity Analysis*, 36(2), 159-175.
- Jorgenson, D.W., Ho, M.S., & Stiroh, K.J. (2008). A retrospective look at the US productivity growth resurgence. *Journal of Economics Perspectives*, 22(1), 3–24.
- Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of Social Media. *Business horizons*, 53(1), 59-68.
- Kaplan, R. S., & Norton, D. P. (1996). *The balanced scorecard: translating strategy into action*. Harvard Business Press.
- Kardon, B. 2007. They're saying nasty things. *Marketing News*, 41(20), 30.
- Kasimu, A. B., Zaiton, S., & Hassan, H. (2012). Hotels involvement in sustainable tourism practices in Klang Valley, Malaysia. *International Journal of Economics and Management*, 6(1), 21-34.

- Kawamura, Y. (2011). *Doing Research in Fashion and Dress: An Introduction to Qualitative Methods*: Bloomsbury Publishing.
- Keppel, G. (1991). Design and analysis: A researcher's handbook. Prentice-Hall, Inc.
- Khatri, P., & Mittal, S. (2015). E-Buying Behaviour: A Study of Perceptual Differences Between Prospective Generation Y Professionals In Delhi-NCR Region. *RDIAS Journal of Information Technology and Computer Applications*, 1.
- Kietzmann, J. H., Hermkens, K., McCarthy, I. P., & Silvestre, B. S. (2011). Social media? Get serious! Understanding the functional building blocks of social media. *Business horizons*, 54(3), 241-251.
- Kim, H. D., Lee, I., & Lee, C. K. (2013). Building Web 2.0 enterprises: A study of small and medium enterprises in the United States. *International Small Business Journal*, *31*(2), 156-174.
- Kitchen, P. J., Kim, I., & Schultz, D. E. (2008). Integrated marketing communication: Practice leads theory. *Journal of Advertising Research*, 48(4), 531.
- Klimek, K. (2013). Destination management organizations and their shift to sustainable tourism development. *European Journal of Tourism, Hospitality and Recreation*, 4(2), 27-47.
- Kolbe, R. H., & Burnett, M. S. (1991). Content-analysis research: An examination of applications with directives for improving research reliability and objectivity. *Journal of consumer research*, 243-250.
- Kothari, C. R. (2004). *Research Methodology: Methods and Techniques*: New Age International (P) Limited.
- Krippendorff, K. (2012). Content analysis: An introduction to its methodology. Sage.
- Kumar, R. (2010). Research Methodology: A Step-by-Step Guide for Beginners: SAGE Publications.
- Lagrosen, S., & Josefsson, P. (2011). Social media marketing as an entrepreneurial learning process. *International Journal of Technology Marketing* 4, 6(4), 331-340.
- Lahap, J., O'Mahony, B., & Dalrymple, J. (2014). Six Sigma as a source of service delivery improvement methodology for the Malaysian hotel sector. *Theory and Practice in Hospitality and Tourism Research*, 15.

- Lampe, C. A., Ellison, N., & Steinfield, C. (2007). *A familiar face (book): profile elements as signals in an online social network*. Paper presented at the Proceedings of the SIGCHI conference on Human factors in computing systems. Sørensen, E. J. (2016). The post that wasn't: Facebook monitors everything users type and not publish. *Computer Law & Security Review*.
- Lanz, L., Fischhof, B., & Lee, R. (2010). How are hotels embracing social media in 2010? Examples of how to start engaging. New York, NY: HVS Sales and Marketing Services.
- Laroche, M., Habibi, M. R., & Richard, M. O. (2013). To be or not to be in social media: How brand loyalty is affected by social media? *International Journal of Information Management*, 33(1), 76-82.
- Law, R., Leung, R., & Buhalis, D. (2009). Information technology applications in hospitality and tourism: A review of publications from 2005 to 2007. *Journal of Travel & Tourism Marketing*, 26(5-6), 599-623.
- Le, N., & Vi, T. (2014). Technology Enhanced Tourist Experience: Insights From Tourism Companies In Rovaniemi. Lapland University, Rovaniemi, Finland.
- Lee, I. (2014). Integrating Social Media into Business Practice, Applications, Management, and Models: IGI Global.
- Lee, J., & Runge, J. (2001). Adoption of information technology in small business: testing drivers of adoption for entrepreneurs. *The Journal of Computer Information Systems*, 42(1), 44.
- Leskovec, J. (2011). *Social media analytics*. Paper presented at the Proceedings of the 17th ACM SIGKDD International Conference Tutorials.
- Leue, M. C., Jung, T., & Knowles, T. (2013). Social Media Marketing in Selected UK Luxury Hotels. *eReview of*.
- Leung, D. H., Lee, A., & Law, R. (2012). Examining hotel managers' acceptance of Web 2.0 in website development: a case study of Hotels in Hong Kong. *Social media in travel, tourism and hospitality: Theory, practice and cases*, 53.
- Leung, R., & Law, R. (2013). Evaluation of hotel information technologies and EDI adoption the perspective of hotel IT managers in Hong Kong. *Cornell Hospitality Ouarterly*, *54*(1), 25-37.

- Leung, X. Y., Bai, B., & Stahura, K. A. (2013). The marketing effectiveness of social media in the hotel industry: A comparison of Facebook and Twitter. *Journal of Hospitality & Tourism Research*, 1096348012471381.
- Leung, X., & Baloglu, S. (2015). Hotel Facebook marketing: an integrated model. *Worldwide Hospitality and Tourism Themes*, 7(3).
- Levy, M., Powell, P., & Yetton, P. (2001). SMEs: aligning IS and the strategic context. *Journal of Information Technology*, 16(3), 133-144.
- Liburd, J. J. (2005). Sustainable tourism and innovation in mobile tourism services. *Tourism Review International*, 9(1), 107-118.
- Lovett, J. & Owyang, J., (2010). Social marketing analytics: A new framework for measuring results in social media. *San Mateo, CA: Altimeter Group*.
- Lovett, J. (2011). Social Media Metrics Secrets: Wiley.
- Luarn, P., Lin, Y. F., & Chiu, Y. P. (2015). Influence of Facebook brand-page posts on online engagement. *Online Information Review*, *39*(4), 505-519.
- Manap, K. A., & Adzharudin, N. A. (2013). The Role of User Generated Content (UGC) in Social Media for Tourism Sector. In *The 2013 WEI International Academic Conference Proceedings* (pp. 52-58).
- Maxwell, J. A. (2013). Qualitative research design: An interactive approach (Vol. 41): Sage.
- Mazman, S. G., & Usluel, Y. K. (2010). Modeling educational usage of Facebook. *Computers & Education*, 55(2), 444-453.
- McCarthy, J., Rowley, J., Jane Ashworth, C., & Pioch, E. (2014). Managing brand presence through social media: The case of UK football clubs. *Internet Research*, 24(2), 181-204.
- McCorkindale, T. (2010). Can you see the writing on my wall? A content analysis of the Fortune 50's Facebook social networking sites. *Public relations journal*, *4*(3), 1-14.
- McCorkindale, T., & DiStaso, M. W. (2014). The State of Social Media Research: Where Are We Now, Where We Were and What It Means for Public Relations. *Research Journal of the Institute for Public Relations*, 1(1).
- Mich, L., & Baggio, R. (2015). Evaluating Facebook pages for small hotels: a systematic approach. *Information Technology & Tourism*, 15(3), 209-231.

- Michaelidou, N., Siamagka, N. T., & Christodoulides, G. (2011). Usage, barriers and measurement of social media marketing: An exploratory investigation of small and medium B2B brands. *Industrial Marketing Management*, 40(7), 1153-1159.
- Mihalic, T., & Buhalis, D. (2013). ICT as a new competitive advantage factor—case of small transitional hotel sector. *Economic and Business Review*, 15(1), 33-56.
- Milano, R., Baggio, R., & Piattelli, R. (2011). *The effects of online social media on tourism websites*. Paper presented at the ENTER.
- Militino, A. F., Ugarte, M. D., & Goicoa, T. (2015). Deriving small area estimates from information technology business surveys. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*.
- Minazzi, R. (2015). Social Media Metrics and Analysis. In *Social Media Marketing in Tourism and Hospitality* (pp. 137-163). Springer International Publishing.
- Minazzi, R., & Lagrosen, S. (2013). Investigating social media marketing in the hospitality industry: Facebook and European hotels *Information and Communication Technologies in Tourism 2014* (pp. 145-157): Springer.
- Ministry of Arts, Culture and Tourism (1992) National Tourism Policy Study. Ministry of Arts, Culture and Tourism: Kuala Lumpur.
- Mitchell, M. L., & Jolley, J. M. (2012). *Research design explained*: Wadsworth Publishing Company.
- Mosbah, A., & Al Khuja, M. S. A. (2014). A review of tourism development in Malaysia. *European Journal of Business and Management*, 6(5), 1-9.
- Munar, A. M. (2012). Social media strategies and destination management. Scandinavian Journal of Hospitality and Tourism, 12(2), 101-120.
- Murdough, C. (2009). Social media measurement: It's not impossible. *Journal of Interactive Advertising*, 10(1), 94-99.
- Murugesan, S. (2007). Understanding Web 2.0. IT professional, 9(4), 34-41.
- Musser, J., & O'Reilly, T. (2007). Web 2.0: Principles and Best Practices: O'Reilly Media.
- Neiger, B. L., Thackeray, R., Van Wagenen, S. A., Hanson, C. L., West, J. H., Barnes, M. D., & Fagen, M. C. (2012). Use of social media in health promotion purposes, key performance indicators, and evaluation metrics. *Health promotion practice*, 13(2), 159-164.

- Neuendorf, K. A. (2002). The Content Analysis Guidebook: SAGE Publications.
- Neuhofer, B., & Buhalis, D. (2012). *Understanding and managing technology-enabled* enhanced tourist experiences. Paper presented at the Proceedings of the 2nd Conference on Hospitality and Tourism Marketing & Management, Corfu, Greece.
- Nguyen, T. H., Sherif, J. S., & Newby, M. (2007). Strategies for successful CRM implementation. *Information Management & Computer Security*, 15(2), 102-115.
- Nielsen, (2012). *Global Consumers' Trust In 'Earned' Advertising Grows In Importance*. Retrieved from: http://www.nielsen.com/us/en/press-room/2012/nielsen-global-consumers-trust-in-earned-advertising-grows.html.
- Nokhal, A. M. S. S. (2013). The Integration of Information Technology Skills in Accounting Curriculum at Public Universities in Egypt. Doctoral dissertation, University Utara Malaysia.
- O'Connor, P. (2008). User-generated content and travel: A case study on Tripadvisor. com. *Information and communication technologies in tourism* 2008, 47-58.
- O'Connor, P. (2011). Social Media Adoption by International Hotel Companies: A Benchmark and Exploration of Best Practices. Paper presented at the Conference on Social Media and Tourism.
- Olga Lo, P., & Razaq, R. (2014). Evolution of social media and consumer behaviour changes in tourism destination promotion. *International Journal of Business and Globalisation*, 12(3), 358-368.
- Oracle (2012), *Consumer views of live help online 2012: a global perspective*. Retrieve form: http://www.oracle.com/us/products/applications/commerce/live-help-on-demand/oracle-live-help-wp-aamf-1624138.pdf.
- Öztamur, D., & Karakadılar, İ. S. (2014). Exploring the Role of Social Media for SMEs: As a New Marketing Strategy Tool for the Firm Performance Perspective. *Procedia-Social and Behavioral Sciences*, *150*, 511-520.
- Paine, K. D. (2011). *Measure what matters: Online tools for understanding customers, social media, engagement, and key relationships.* John Wiley & Sons.
- Pan, B., MacLaurin, T., & Crotts, J. C. (2007). Travel blogs and the implications for destination marketing. *Journal of Travel Research*, 46(1), 35-45.

- Park, D. H., Lee, J., & Han, I. (2007). The effect of on-line consumer reviews on consumer purchasing intention: The moderating role of involvement. *International Journal of Electronic Commerce*, 11(4), 125-148.
- Parveen, F., Jaafar, N. I., & Ainin, S. (2015). Social media usage and organizational performance: Reflections of Malaysian social media managers. *Telematics and Informatics*, 32(1), 67-78.
- Pesonen, J. (2011). *Tourism marketing in facebook: Comparing rural tourism SME's and larger tourism companies in Finland.* Paper presented at the ENTER.
- Peters, K., Chen, Y., Kaplan, A. M., Ognibeni, B., & Pauwels, K. (2013). Social media metrics—A framework and guidelines for managing social media. *Journal of Interactive Marketing*, 27(4), 281-298.
- Podobnik, V. (2013). An analysis of facebook social media marketing key performance indicators: The case of premier league brands. In *Telecommunications (ConTEL), 2013 12th International Conference on (pp. 131-138).* IEEE.
- Podobnik, V., Ackermann, D., Grubisic, T., & Lovrek, I. (2012). Web 2.0 as a foundation for social media marketing: Global perspectives and the. *Cases on Web*, 2, 342.
- Popesku, J. (2014). Social media as a tool of destination marketing organizations. Singidunum Journal Of Applied Sciences, 2, 715-721.
- Poston, L. (2012). Social Media Metrics For Dummies: Wiley.
- Poynter, R. (2010). The handbook of online and social media research: Tools and techniques for market researchers. John Wiley & Sons.
- Premkumar, G. (2003). A meta-analysis of research on information technology implementation in small business. *Journal of organizational computing and electronic commerce*, 13(2), 91-121.
- Qvick, A. (2014). Blogs as Part of a Company's Integrated Marketing Communications Strategy.
- Radwan, H. R. I. (2016). Evaluating the Effectiveness of Social Media as A Marketing Tool in The Hotel Sector: A Case Study on Four and Five Star Hotels in Makkah, Saudi Arabia. *Journal of Faculty of Tourism and Hotels, Fayoum University*, 8(1).

- Ramanathan, M., & Dreiling, A. (2013). Social media metrics: are we measuring business value? *PACIS* 2013.
- Ray, A. (2010). *The implications of consumers spending more time with facebook than Google*. Forrester Blogs. Retrieved from: http://blogs.forrester.com/augie_ray/
- Richard, L., & Morse, J. (2013). *Readme first for a user's guide to qualitative methods*: London: Sage.
- Roberts, M.L.(2007). Internet Marketing. New Delhi: Cengage Learning India Pvt. Ltd.
- Rocha, A., & Victor, J. A. (2009). Quality of Hotels' Websites: Proposal for the Development of an Assessment Methodology.
- Rodriguez, M., Peterson, R. M., & Ajjan, H. (2015). CRM/social media technology: impact on customer orientation process and organizational sales performance *Ideas in Marketing: Finding the New and Polishing the Old* (pp. 636-638): Springer.
- Rogers, Y., Sharp, H., & Preece, J. (2011). *Interaction design: beyond human-computer interaction*. John Wiley & Sons.
- Roque, V., & Raposo, R. (2013). Social Media as a Communication and Marketing Tool: An Analysis of Online Activities from International Key Player DMO.
- Rosman, R. and Stuhura, K. (2013) 'The Implications of Social Media on Customer Relationship Management and Hospitality Industry', *Journal of Management*, vol. 14, no. 3, p. 19
- Roulston, K. (2010). *Reflective interviewing: A guide to theory and practice*: SAGE Publications Limited.
- Roznowski, J. L. (2003). A content analysis of mass media stories surrounding the consumer privacy issue 1990-2001. *Journal of interactive marketing*, 17(2), 52-69.
- Ruhi, U. (2014). Social Media Analytics as a Business Intelligence Practice: Current Landscape & Future Prospects. *Journal of Internet Social Networking & Virtual Communities*, 2014, 1-12.
- Safko, L. & Brake, D.K. (2009). *The Social Media Bible: Tactic, Tools, and Strategies for Business Success.* USA: Wiley & Sons, Inc.

- Safko, L. (2010). The social media bible: tactics, tools, and strategies for business success. John Wiley & Sons.
- Sahin, A., Zehir, C., & Kitapçı, H. (2011). The effects of brand experiences, trust and satisfaction on building brand loyalty; an empirical research on global brands. *Procedia-Social and Behavioral Sciences*, 24, 1288-1301.
- Said, H. M., Latif, R. A., & Ishak, N. K. (2014). Strategic information system and environmental scanning practices in Malaysian hotel organizations. *Theory and Practice in Hospitality and Tourism Research*, 83.
- Saleh, M. (2006). *Antecedents of Commitment to an Import Supplier*. Doctoral dissertation, Queensland University of Technology.
- Saunders, M., Lewis, P., & Thornhill, A. (2009). Research methods for business students: Prentice Hall.
- Schau, H. J., Muñiz Jr, A. M., & Arnould, E. J. (2009). How brand community practices create value. *Journal of marketing*, 73(5), 30-51.
- Scott, D. M. (2009). The new rules of marketing and PR: how to use social media, blogs, news releases, online video, and viral marketing to reach buyers directly. John Wiley & Sons.
- Sekaran, U., & Bougie, R. (2010). *Research Methods for Business: A Skill Building Approach*: John Wiley & Sons.
- Serben, D. F. (2014). The examination of factors influencing social media usage by African American small business owners using the UTAUT model(Doctoral dissertation, CAPELLA UNIVERSITY).
- Sigala, M. (2007). WEB 2.0 in the tourism industry: A new tourism generation and new e-business models.
- Sigala, M. (2008). Developing and implementing an eCRM 2.0 strategy: usage and readiness of Greek tourism firms. *Information and communication technologies in tourism* 2008, 463-474.
- Sigala, M. (2009). Web 2.0, social marketing strategies and distribution channels for city destinations: Enhancing the participatory role of travelers and exploiting their collective intelligence (pp. 220-240): IDEA Publishing: New York, NY, USA.

- Sigala, M., Christou, E., & Gretzel, U. (Eds.). (2012). *Social media in travel, tourism and hospitality: Theory, practice and cases*. Ashgate Publishing, Ltd.
- Sirirak, S., Islam, N., & Ba Khang, D. (2011). Does ICT adoption enhance hotel performance? *Journal of Hospitality and Tourism Technology*, 2(1), 34-49.
- Smith, A. N., Fischer, E., & Yongjian, C. (2012). How does brand-related user-generated content differ across YouTube, Facebook, and Twitter?. *Journal of Interactive Marketing*, 26(2), 102-113.
- Snead, J. T. (2013). Social media use in the US Executive branch. *Government Information Quarterly*, 30(1), 56-63.
- SocialBakers (2014). *How social engagement drives site visits*. Retrieved from: http://www.socialbakers.com/blog/2320-how-socialengagement-drives-site-visits.
- Solis, B. (2010). Engage: The complete guide for brands and businesses to build, cultivate, and measure success in the new web. John Wiley & Sons.
- Song, S., Yoo, M., & Cobanoglu, C. (2016). The role of social media during the prepurchasing stage. *Journal of Hospitality and Tourism Technology*, 7(1).
- Sotiriadis, M. D., & van Zyl, C. (2013). Electronic word-of-mouth and online reviews in tourism services: the use of twitter by tourists. *Electronic Commerce Research*, 13(1), 103-124.
- Sparks, B. A., & Browning, V. (2011). The impact of online reviews on hotel booking intentions and perception of trust. *Tourism Management*, 32(6), 1310-1323.
- Speziale, H. and Carpenter, D. R. (2003). *Qualitative Research in Nursing: Advancing the humanistic Imperatives*. New York. Harper and Row.
- Stelzner, M. A. (2012). Social media marketing industry report. *Social Media Examiner*, 41.
- Stempel, G. H., & Westley, B. H. (1989). *Research methods in mass communication*. Prentice Hall.
- Sterne, J. (2010). Social media metrics: How to measure and optimize your marketing investment. John Wiley & Sons.
- Tajeddini, K. (2010). Effect of customer orientation and entrepreneurial orientation on innovativeness: Evidence from the hotel industry in Switzerland. *Tourism Management*, 31(2), 221-231.

- Technorati. (2011). *Technorati blog*. Retrieved from Technorati: http://blog.technorati.com/2009/03/mainstream-media-we-can-index-your-blogs-too.html.
- Thackeray, R., Neiger, B. L., Smith, A. K., & Van Wagenen, S. B. (2012). Adoption and use of social media among public health departments. *BMC public health*, 12(1), 242.
- The World Bank Group. (2012). ICT for greater development impact: World Bank Group Strategy for Information and Communication Technology. Retrieved from http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/000333037_20121016235214/Rendered/PDF/732360BR0SecM200disclosed0">http://www-wds.worldbank.org/external/default/WDSContentServer/WDSP/IB/2012/10/16/DEFAULT/ADAMAGETAULT
- THOMAS, J. (2013). *Social media effects on tourism*. Retrieved from: http://socialnetworking.lovetoknow.com/Social_Media_Effects_on_Tourism.
- TONG, L. C. (2014). Customer relationship management and organization performance among small and medium sized hotels in Langkawi. Universiti Utara Malaysia.
- Touchette, B., Schanski, M., & Lee, S. E. (2015). Apparel brands' use of Facebook: an exploratory content analysis of branded entertainment. *Journal of Fashion Marketing and Management*, 19(2), 107-119.
- Tourism Malaysia. (2012). *Tourism Report: Malaysian Tourism Promotion Board*. Retrieved from www.corporate.tourism.gov.com.my.
- Tracy, A. (2014). *The three biggest social media trends of 2014*. Inc. Magazine. Retrieve from: http://www.inc.com/abigail-tracy/what-can-we-expect-frommarketers-on-social-media.html.
- Triantafillidou, A., Lappas, G., Yannas, P., & Kleftodimos, A. Facebook Engagement and Greek Local Municipal Governments. In *CeDEM15: Conference for E-Democracy and Open Government* (p. 39). MV-Verlag.
- Turner, D. W., III (2010). Qualitative interview design: A practical guide for novice investigators. *The qualitative report*, 15(3), 754.
- Veal, A. J. (1997), Research Methods for Leisure and Tourism: A Practical Guide. Second Edition. London: Financial Times-Prentice Hall.

- Verhoef, P. C., Reinartz, W. J., & Krafft, M. (2010). Customer engagement as a new perspective in customer management. *Journal of Service Research*, 13(3), 247-252.
- Virginia Phelan, K., Chen, H.-T., & Haney, M. (2013). "Like" and "Check-in": how hotels utilize Facebook as an effective marketing tool. *Journal of Hospitality and Tourism Technology*, 4(2), 134-154.
- Von-Hippel, E. (2005). Democratizing innovation: The evolving phenomenon of user innovation. *Journal für Betriebswirtschaft*, 55(1), 63-78.
- Wanas, N., El-Saban, M., Ashour, H., & Ammar, W. (2008, October). Automatic scoring of online discussion posts. In *Proceedings of the 2nd ACM Workshop on information Credibility on the Web* (pp. 19-26). ACM.
- Wang, R., & Chen, T. (2014). An Empirical Study on use of Social Media in the Hotel Industry in China: A Study of Customers' Preferences and Attitudes.
- WARC, (2012). *Social Media gains ground*. Retrieve from: http://www.warc.com/LatestNews/News/EmailNews.news?ID=29421&Origin=WARCNewsEmail.
- Waters, R. D. (2011). Redefining sewardship: Examining how Fortune 100 organizations use stewardship with virtual stakeholders. *Public Relations Review*, 37(2), 129-136.
- Weber, L. (2009). Marketing to the social web: how digital customer communities build your business. John Wiley & Sons.
- Wilson, J. (2014). Essentials of business research: A guide to doing your research project. Sage.
- Wong, C. B. (2012). Facebook Usage by Small and Medium-sized Enterprise: The Role of Domain-Specific Innovativeness. *Global Journal of Computer Science and Technology*, 12(4).
- Wright, D. K., & Hinson, M. D. (2010). How new communications media are being used in public relations: A longitudinal analysis. *Public Relations Journal*, 4(3), 1-27.
- Wright, D. K., & Hinson, M. D. (2011). A three-year longitudinal analysis of social and emerging media use in public relations practice. *Public Relations Journal*, 5(3), 1-32.

- Wright, D., & Hinson, M. (2012). A four-year longitudinal analysis measuring social and emerging media use in public relations practice. Paper presented at the 15th Annual International Public Relations Research Conference, Coral Gables, Florida, March.
- Wyrwoll, C. (2014). Social Media: Fundamentals, Models, and Ranking of Usergenerated Content. Springer.
- Xiang, Z., & Gretzel, U. (2010). Role of social media in online travel information search. *Tourism Management*, *31*(2), 179-188.
- Ye, Q., Law, R., Gu, B., & Chen, W. (2011). The influence of user-generated content on traveler behavior: An empirical investigation on the effects of e-word-of-mouth to hotel online bookings. *Computers in Human Behavior*, 27(2), 634-639.
- Yu, G., & Zou, D. (2015). Which User-generated Content Should Be Appreciated More?-A Study on UGC Features, Consumers' Behavioral Intentions and Social media Engagement.
- Yuan, Y., Qi, K. K., & Marcus, A. (2015). Gamification and Persuasion of HP IT Service Management to Improve Performance and Engagement. In HCI in Business (pp. 550-562). Springer International Publishing.
- Yun, G. W., Park, S. Y., & Ha, L. (2008). Influence of cultural dimensions on online interactive review feature implementations: A comparison of Korean and US retail web sites. *Journal of Interactive Marketing*, 22(3), 40-50.
- Zailskaite-Jakste, L., & Kuvykaite, R. (2012). Implementation of communication in social media by promoting studies at higher education institutions. *Engineering Economics*, 23(2), 174-188.
- Zamri, M., Darson, M., & Wahab, A. (2014). Social media: Credibility, popularity and its benefits towards events' awareness. *Theory and Practice in Hospitality and Tourism Research*, 317.
- Zarrella, D. (2010). *The social media marketing book*. Canada: "O'Reilly Media, Inc.".
- Zeng, B., & Gerritsen, R. (2014). What do we know about social media in tourism? A review. *Tourism Management Perspectives*, 10, 27-36.
- Zeng, B., & Gerritsen, R. (2014). What do we know about social media in tourism? A review. *Tourism Management Perspectives*, 10, 27-36.

- Zhao, D., & Rosson, M. B. (2009, May). How and why people Twitter: the role that micro-blogging plays in informal communication at work. In *Proceedings of the ACM 2009 international conference on Supporting group work* (pp. 243-252). ACM.
- Zhou, L., & Wang, T. (2014). Social media: A new vehicle for city marketing in China. *Cities*, *37*, 27-32.

