

Scopus

Document details

< Back to results | 1 of 2 Next >

[Export](#)
[Download](#)
[Print](#)
[E-mail](#)
[Save to PDF](#)
[Add to List](#)
[More... >](#)

[Full Text](#)
[View at Publisher](#)

2014 the 5th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2014

23 January 2014, Article number 7020592

2014 5th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2014; Kuching; Malaysia; 17 November 2014 through 18 November 2014; Category numberCFP1454K-ART; Code 110287

Organizational factors, perceived acceptance and behavioral intention as dimensions of knowledge management readiness (Conference Paper)

Mohamed Razi, M.J.^a [✉](#), Abdul Karim, N.S.^b [✉](#), Mohamed, N.^c [✉](#)

^aDepartment of Information Systems, International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia

^bFaculty of Computer and Information Science, Prince Sultan University, Saudi Arabia

^cCollege of Business Administration, Prince Sultan University, Saudi Arabia

Abstract

[View references \(39\)](#)

The concept of organizational readiness for knowledge management (KM) has been studied extensively from different perspectives in the recent past. KM supportive organizational factors such as KM oriented organizational culture, organizational structure and information technology infrastructures, and factors of individual acceptances are believed to be the predictors of KM readiness. However, the nature of those factors arguably suggests that they may not merely be the predictors; rather they can be the dimensions of KM readiness. This work tries to verify this hypothesis. For this purpose, a questionnaire was formulated based on established measures, and administered using survey research methodology approach on 313 executives working in the selected organizations in the Sri Lankan telecommunication industry. The first order measurement model using AMOS version 16 was used to validate the measurement employed. Subsequently, a second order analysis was performed to test the hypothesis. Findings shows that all model fit indices are good and all the structural coefficients are significant, thus, the model fit to the data. Therefore, the current work proposes that the KM oriented organizational factors, individual acceptance and behavioral intentions should be considered as the dimensions of KM readiness. © 2014 IEEE.

Author keywords

Behavioral intentions KM Readiness Knowledge Management Percieved Acceptance SECI SEM Survey

Indexed keywords

Engineering controlled terms: Scanning electron microscopy Surveying Surveys Telecommunication industry

Metrics [View all metrics >](#)

1 Citation in Scopus
60th Percentile

0.44 Field-Weighted Citation Impact



PlumX Metrics [View details >](#)

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 1 document

The influence of knowledge management tools utilization towards knowledge management readiness

Shihab, M.R. , Wulandari, Y. (2017) 2016 International Conference on Information Technology Systems and Innovation, ICITSI 2016 - Proceedings

[View details of this citation](#)

Inform me when this document is cited in Scopus:

[Set citation alert >](#)
[Set citation feed >](#)

Related documents

A holistic approach to measure organizational readiness for knowledge management

Razi, M.J.M. , Karim, N.S.A. , Dahlan, A.R.A. (2017) *Advanced Science Letters*

Measuring employee readiness for knowledge management using intention to be involved with KM SECI processes

Karim, N.S.A. , Razi, M.J.M. , Mohamed, N.

Behavioral
intention

Information
technology
infrastructure

KM Readiness

Organizational
cultures

Organizational
readiness

Organizational
structures

Perceived
Acceptance

SECI

Engineering main heading: Knowledge management

(2012) *Business Process Management Journal*

Understanding organizational readiness for knowledge management in the Malaysian public sector organization: A proposed framework

Abdul Karim, N.S. , Mohammad, N. , Abdullah, L.M.
(2011) *2011 International Conference on Research and Innovation in Information Systems, ICRIIS'11*

View all related documents based on references

Find more related documents in Scopus based on:



Authors > Keywords >

ISBN: 978-147996242-6
Source Type: Conference Proceeding
Original language: English

DOI: 10.1109/ICT4M.2014.7020592
Document Type: Conference Paper
Sponsors:
Publisher: Institute of Electrical and Electronics Engineers Inc.

References (39)

[View in search results format >](#)

All [Export](#)  Print  E-mail [Save to PDF](#) [Create bibliography](#)

- 1 Bozbura, F.T.
Knowledge management practices in Turkish SMEs
(2007) *Journal of Enterprise Information Management*, 20 (2), pp. 209-221. Cited 38 times.
doi: 10.1108/17410390710725788
[View at Publisher](#)
-
- 2 Sadeghi, M.R., Moghimi, S.M., Ramezan, M.
Identifying and prioritizing of effective constructs in readiness of knowledge management implementation by using fuzzy analytic hierarchy process (AHP)
(2013) *Journal of Knowledge-based Innovation in China*, 5, pp. 16-31. Cited 4 times.
-
- 3 Karim, N.S.A., Razi, M.J.M., Mohamed, N., Abdullah, L.M.
Influential factors of km process adoption: A social-technological based approach
(2012) *International Journal of Innovation and Business Strategy*, 1, pp. 95-102. Cited 3 times.
-
- 4 Siemieniuch, C.E., Sinclair, M.A.
A framework for organisational readiness for knowledge management
(2004) *International Journal of Operations and Production Management*, 24 (1-2), pp. 79-98. Cited 55 times.
<http://www.emeraldinsight.com/journals.htm?issn=0144-3577>
doi: 10.1108/01443570410511004
[View at Publisher](#)

-
- 5 Holt, D.T., Bartczak, S.E., Clark, S.W., Trent, M.R.
The development of an instrument to measure readiness for knowledge management
(2007) *Knowledge Management Research and Practice*, 5 (2), pp. 75-92. Cited 30 times.
doi: 10.1057/palgrave.kmrp.8500132
[View at Publisher](#)
-
- 6 Shirazi, A., Mortazavi, S., Azad, N.P.
Factors affecting employees' readiness for knowledge management
(2011) *European Journal of Economics, Finance and Administrative Sciences*, (33), pp. 167-177. Cited 8 times.
http://www.eurojournals.com/EJEFAS_33_10.pdf
-
- 7 Rusly, F.H., Corner, J.L., Sun, P.
Positioning change readiness in knowledge management research
(2012) *Journal of Knowledge Management*, 16 (2), pp. 329-355. Cited 15 times.
doi: 10.1108/13673271211218906
[View at Publisher](#)
-
- 8 Wei, C.C., Choy, C.S., Yew, W.K.
Is the Malaysian telecommunication industry ready for knowledge management implementation?
(2009) *Journal of Knowledge Management*, 13 (1), pp. 69-87. Cited 50 times.
doi: 10.1108/13673270910931170
[View at Publisher](#)
-
- 9 Mamaghani, N.D., Samizadeh, R., Saghafi, F.
Evaluating the readiness of Iranian research centers in knowledge management
(2011) *American Journal of Economics and Business Administration*, 3, p. 203. Cited 10 times.
-
- 10 Jandaghi, E., Jandaghi, G., Irani, H.R., Mousavi, Z.S., Davoodavabi, M.
Ranking the knowledge management enablers based on university academic members, staff and students using ahp method
(2014) *International Letters of Social and Humanistic Sciences*, pp. 7-13.
-
- 11 Chow, W.S., Chan, L.S.
Social network, social trust and shared goals in organizational knowledge sharing
(2008) *Information and Management*, 45 (7), pp. 458-465. Cited 394 times.
doi: 10.1016/j.im.2008.06.007
[View at Publisher](#)
-
- 12 Bock, G.-W., Zmud, R.W., Kim, Y.-G., Lee, J.-N.
Behavioral intention formation in knowledge sharing: Examining the roles of extrinsic motivators, social-psychological forces, and organizational climate
(2005) *MIS Quarterly: Management Information Systems*, 29 (1), pp. 87-111. Cited 1626 times.
-

-
- 13 Chen, C.-W., Chang, M.-L., Tseng, C.-P., Chen, B.-C., Chang, Y.Y.-C.
Critical human factor evaluation of knowledge sharing intention in Taiwanese enterprises

(2013) *Human Factors and Ergonomics In Manufacturing*, 23 (2), pp. 95-106. Cited 17 times.
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1520-6564](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1520-6564)
doi: 10.1002/hfm.20300

View at Publisher
-
- 14 Hung, S.-W., Cheng, M.-J.
Are you ready for knowledge sharing? An empirical study of virtual communities

(2013) *Computers and Education*, 62, pp. 8-17. Cited 33 times.
doi: 10.1016/j.compedu.2012.09.017

View at Publisher
-
- 15 Hau, Y.S., Kim, B., Lee, H., Kim, Y.-G.
The effects of individual motivations and social capital on employees' tacit and explicit knowledge sharing intentions

(2013) *International Journal of Information Management*, 33 (2), pp. 356-366. Cited 79 times.
doi: 10.1016/j.ijinfomgt.2012.10.009

View at Publisher
-
- 16 Tamjidyamcholo, A., Bin Baba, M.S., Tamjid, H., Gholipour, R.
Information security - Professional perceptions of knowledge-sharing intention under self-efficacy, trust, reciprocity, and shared-language

(2013) *Computers and Education*, 68, pp. 223-232. Cited 37 times.
doi: 10.1016/j.compedu.2013.05.010

View at Publisher
-
- 17 Jandaghi, E., Jandaghi, G., Irani, H.R., Mousavi, Z.S., Davoodavabi, M.
Evaluating the readiness of management schools to execute knowledge management
(2014) *International Letters of Social and Humanistic Sciences*, pp. 78-83.
-
- 18 Gold, A.H., Malhotra, A., Segars, A.H.
Knowledge management: An organizational capabilities perspective

(2001) *Journal of Management Information Systems*, 18 (1), pp. 185-214. Cited 1484 times.
doi: 10.1080/07421222.2001.11045669

View at Publisher
-
- 19 Lee, H., Choi, B.
Knowledge management enablers, processes, and organizational performance: An integrative view and empirical examination

(2003) *Journal of Management Information Systems*, 20 (1), pp. 179-228. Cited 828 times.
<http://www.tandfonline.com/loi/mmis20>

View at Publisher
-
- 20 Becerra-Fernandez, I., Gonzalez, A., Sabherwal, R.
(2004) *Knowledge Management: Challenges*. Cited 237 times.
-

-
- 21 Yang, C., Chen, L.-C.
Can organizational knowledge capabilities affect knowledge sharing behavior?

(2007) *Journal of Information Science*, 33 (1), pp. 95-109. Cited 89 times.
doi: 10.1177/0165551506068135

[View at Publisher](#)
-
- 22 Lee, Y.-C., Lee, S.-K.
Capabilities, processes, and performance of knowledge management: A structural approach

(2007) *Human Factors and Ergonomics In Manufacturing*, 17 (1), pp. 21-41. Cited 71 times.
doi: 10.1002/hfm.20065

[View at Publisher](#)
-
- 23 Choi, S.Y., Kang, Y.S., Lee, H.
The effects of socio-technical enablers on knowledge sharing: An exploratory examination

(2008) *Journal of Information Science*, 34 (5), pp. 742-754. Cited 87 times.
doi: 10.1177/0165551507087710

[View at Publisher](#)
-
- 24 Fishbein, M., Ajzen, I.
Belief attitude intention and behaviour: An introduction to theory and research
(1975) *Addison-Wesley*. Cited 4 times.
-
- 25 Ajzen, I.
The theory of planned behavior

(1991) *Organizational Behavior and Human Decision Processes*, 50 (2), pp. 179-211. Cited 20883 times.
doi: 10.1016/0749-5978(91)90020-T

[View at Publisher](#)
-
- 26 Davis, F.D.
Perceived usefulness, perceived ease of use, and user acceptance of information technology

(1989) *MIS Quarterly: Management Information Systems*, 13 (3), pp. 319-339. Cited 15131 times.

[View at Publisher](#)
-
- 27 Venkatesh, V., Morris, M.G., Davis, G.B., Davis, F.D.
User acceptance of information technology: Toward a unified view

(2003) *MIS Quarterly: Management Information Systems*, 27 (3), pp. 425-478. Cited 8572 times.
-
- 28 Karim, N.S.A., Razi, M.J.M., Mohamed, N.
Measuring employee readiness for knowledge management using intention to be involved with KM SECI processes

(2012) *Business Process Management Journal*, 18 (5), pp. 777-791. Cited 10 times.
doi: 10.1108/14637151211270153

[View at Publisher](#)
-

-
- 29 Nonaka, I., Byosiere, P., Borucki, C.C., Konno, N.
Organizational knowledge creation theory: A first comprehensive test
(1994) *International Business Review*, 3 (4), pp. 337-351. Cited 195 times.
doi: 10.1016/0969-5931(94)90027-2
[View at Publisher](#)
-
- 30 Lin, H.-F.
Knowledge sharing and firm innovation capability: An empirical study
(2007) *International Journal of Manpower*, 28 (3-4), pp. 315-332. Cited 339 times.
doi: 10.1108/01437720710755272
[View at Publisher](#)
-
- 31 Choi, B., Lee, H.
Knowledge management strategy and its link to knowledge creation process
(2002) *Expert Systems with Applications*, 23 (3), pp. 173-187. Cited 218 times.
doi: 10.1016/S0957-4174(02)00038-6
[View at Publisher](#)
-
- 32 Reychav, I., Weisberg, J.
Bridging intention and behavior of knowledge sharing
(2010) *Journal of Knowledge Management*, 14 (2), pp. 285-300. Cited 50 times.
doi: 10.1108/13673271011032418
[View at Publisher](#)
-
- 33 Bagozzi, R.P., Yi, Y.
On the evaluation of structural equation models
(1988) *Journal of the Academy of Marketing Science*, 16 (1), pp. 74-94. Cited 7439 times.
doi: 10.1007/BF02723327
[View at Publisher](#)
-
- 34 Bollen, K.A.
(1989) *Structural Equations with Latent Variables*. Cited 13805 times.
New York NY: Wiley
-
- 35 Hair, J., Black, W., Babin, B., Anderson, R., Tatham, R.
(2006) *Multivariate Data Analysis Sixth Edition*. Cited 1853 times.
Pearson Education
-
- 36 Sekaran, A., Bougie, J.R.G.
(2009) *Research Methods for Business: A Skill Bulding Approach*. Cited 3108 times.
Chichester: Wiley
-
- 37 Raykow, T.
(2000) *A First Course in Structural Equation Modeling Mahwah*. Cited 734 times.
NJ: Lawrence Erlboum Associates
-

38 Tabachnick, B., Fidell, L.
(2001) *Logistic Regression Using Multivariate Statistics. 4th Ed.*, pp. 517-581. Cited 8 times.
Boston, Mass: Allyn & Bacon

39 Byrne, B.M.
(2010) *Structural Equation Modeling with AMOS*. Cited 3331 times.
New York NY.: Routledge

© Copyright 2015 Elsevier B.V., All rights reserved.

[< Back to results](#) | 1 of 2 [Next >](#)

[^ Top of page](#)

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)

ELSEVIER

[Terms and conditions](#) [Privacy policy](#)

Copyright © 2017 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Cookies are set by this site. To decline them or learn more, visit our [Cookies page](#).

 RELX Gr