



Document details

< Back to results | 1 of 1

Export Download Print E-mail Save to PDF Add to List More... >

View at Publisher

Planning Malaysia
Volume 18, Issue 2, 2020, Pages 59-72

Risk cost analysis in Malay heritage conservation project (Article)

(Open Access)

Nawi, N.H.M., Haron, R.C., Kamarudin, Z.

Kulliyyah of Architecture and Environmental Design, International Islamic University Malaysia, Malaysia

Abstract

View references (20)

Risks in conservation projects are believed to be different from risks in new building projects. There are different methods and processes that need to be adopted in order to handle a conservation heritage project. Heritage projects form a valuable inheritance with sentimental values that tell a certain history, culture or tradition which needs to be preserved. Nevertheless, many have reported that conservation projects frequently suffer failures in meeting the delivery goals of time, quality and budget, which lead to contractual disputes during the postcontract stages of a conservation project. Conservation work is riskier due to the inclusion of many activities such as preservation, restoration, and refurbishment. Thus, this research aims to identify the risk cost analysis in carrying out conservation projects through conducting semi-structured interviews and using the survey research method. The objectives are to highlight the importance of conserving Malay heritage and identify risk affecting cost of conserving heritage buildings. This research applied strategy survey through semi-structured interview and questionnaire survey. It was found that project risk consists of hidden works and uncertainties is the highest among other risk categories. The outcome of this research is considered to be significant and relevant as it contributes towards the conservation sector by minimising the risk of cost analysis taken on conservation projects by the project team involved. © 2020 Malaysian Institute Of Planners. All rights reserved.

SciVal Topic Prominence ⓘ

Topic: Urban Landscape | Heritage Conservation | Cuencum

Prominence percentile: 66.435 ⓘ

Author keywords

Conservation

Heritage project

Risk

Funding details

Funding text

This study is funded under Fundamental Research Grant Scheme (FRGS RACER 19058 - 0058), provided by the Ministry of Higher Education and International Islamic University Malaysia. The researchers would also like to thank all respondents for their contributions in this research.

Metrics ⓘ View all metrics >



PlumX Metrics

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

Cited by 0 documents

Inform me when this document
is cited in Scopus:

Set citation alert >

Set citation feed >

Related documents

Influential elemental costs of
museum refurbishment projects:
A case study of Malacca, Malaysia
Ali, A.S. , Au-Yong, C.P. , Kalsum,
U.
(2015) *Malaysian Construction
Research Journal*

Problems in heritage building
conservation

Hisham, N.A.A. , Hassan, H.
(2015) *Advances in
Environmental Biology*

Assessment of complexity factors
in briefing stage of
refurbishment projects in
Malaysia

Mokariantabari, M. , Adnan, H. ,
Hussin, M.A.J.
(2019) *IOP Conference Series:
Earth and Environmental Science*

View all related documents based
on references

Find more related documents in
Scopus based on:

Authors > Keywords >

ISSN: 16756215

Source Type: Journal

Original language: English

DOI: 10.21837/pm.v18i12.742

Document Type: Article

Publisher: Malaysian Institute Of Planners

References (20)

View in search results format >

-
- 1 Ali, A.S., Kamaruzzaman, S.N., Salleh, H.
The characteristics of refurbishment projects in Malaysia
(2009) *Facilities*, 27 (1-2), pp. 56-65. Cited 24 times.
doi: 10.1108/02632770910923090
[View at Publisher](#)
-
- 2 Ariffin, S.A.I.S., Dodo, Y.A., Nafida, R., Kamarulzaman, N.
A conceptual framework for digitalizing tangible heritage in Malaysia
(2015) *Jurnal Teknologi*, 77 (16), pp. 127-135.
<http://www.jurnalteknologi.utm.my/index.php/jurnalteknologi/article/download/6409/4221>
doi: 10.11113/jt.v77.6409
[View at Publisher](#)
-
- 3 Bachek, S.H., Zainudin, H., Haron, N.A.
Preservation of culture and built heritage in new urban development: A case study on little India brickfields, Kuala Lumpur
(2014) *International Proceedings of Economics Development and Research*, 74, p. 1.
-
- 4 Bowen, P.A., Cattel, K.S., Hall, K.A., Edwards, P.J., Pearl, R.G.
Perceptions of time, cost and quality management on building projects
(2002) *Construction Economics and Building*, 2 (2), pp. 48-56. Cited 22 times.
-
- 5 Game, E.T., Fitzsimons, J.A., Lipsett-Moore, G., McDonald-Madden, E.
Subjective risk assessment for planning conservation projects ([Open Access](#))
(2013) *Environmental Research Letters*, 8 (4), art. no. 045027. Cited 7 times.
http://iopscience.iop.org/1748-9326/8/4/045027/pdf/1748-9326_8_4_045027.pdf
doi: 10.1088/1748-9326/8/4/045027
[View at Publisher](#)
-
- 6 Hisham, N.A.A., Hassan, H.
Problems in heritage building conservation
(2015) *Advances in Environmental Biology*, 9 (5), pp. 63-66.
<http://www.aensiweb.com/old/aeb/2015/April/63-66.pdf>
-
- 7 (2013) *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance 2013*. Cited 98 times.
ICOMOS A., Australia ICOMOS Incorporated
-
- 8 Ismail, N., Masron, T., Ahmad, A.
Cultural heritage tourism in Malaysia: Issues and challenges
(2014) *SHS Web of Conferences*, 12, p. 01059. Cited 11 times.
EDP Sciences
-
- 9 Lee, Q.Y., Lim, Y.
Preparation of tender for building conservation work-current practices in Malaysia
(2010) *International Journal of Human and Social Sciences*, 5 (3), p. 6. Cited 7 times.
-

- 10 Woon, W.L., Mui, L.Y.
Elemental cost format for building conservation works in Malaysia
(2010) *Structural Survey*, 28 (5), pp. 408-419. Cited 10 times.
doi: 10.1108/02630801011089182
[View at Publisher](#)
-
- 11 Lim, Y.M.
(2017) *Standard Guidelines for Bill of Quantities Customised for Building Conservation Works: The Malaysian Context/Lim Yoke Mui*
Doctoral dissertation, University of Malaya
-
- 12 Mbachu, J., Taylor, S.
Contractual risks in the New Zealand construction industry: Analysis and mitigation measures
(2014) *International Journal of Construction Supply Chain*, 4 (2), pp. 22-33. Cited 4 times.
-
- 13 (2016) *Garis Panduan Pemuliharaan Bangunan Warisan*. Cited 2 times.
National Heritage Department., Kuala Lumpur.
-
- 14 Rashid, S., Choo, I.A.H., Ramele, R.B., Baharuddin, M.N., Alauddin, K.
Decorative elements of traditional Malay houses: Case study of Rumah Limas Bumbung Perak (RLBP) ([Open Access](#))
(2018) *Journal of Social Sciences Research*, 2018 (Special Issue 6), pp. 105-115. Cited 4 times.
https://arpgweb.com/journal/journal/7/special_issue
doi: 10.32861/jssr.sp16.105.115
[View at Publisher](#)
-
- 15 Rezakhani, P.
Classifying key risk factors in construction projects
(2012) *Buletinul Institutului Politehnic Din Lasi. Sectia Constructii, Arhitectura*, 58 (2), p. 27. Cited 25 times.
-
- 16 Roy, D., Kalidindi, S.N.
Critical challenges in management of heritage conservation projects in India
(2017) *Journal of Cultural Heritage Management and Sustainable Development*, 7 (3), pp. 290-307. Cited 3 times.
<http://www.emeraldgroupublishing.com/products/journals/journals.htm?id=jchmsd>
doi: 10.1108/JCHMSD-03-2017-0012
[View at Publisher](#)
-
- 17 Safayet, M.A., Islam, M.H., Ahmed, S.
(2018) *A Case Study on Risk Management in Existing Construction Project in Bangladesh*
-
- 18 Smith, J.
Cost budgeting in conservation management plans for heritage buildings
(2005) *Structural Survey*, 23 (2), pp. 101-110. Cited 14 times.
doi: 10.1108/02630800510593675
[View at Publisher](#)
-

- 19 Xiang, P., Jia, F., Li, X.
Critical behavioral risk factors among principal participants in the Chinese construction industry ([Open Access](#))

(2018) *Sustainability (Switzerland)*, 10 (9), art. no. 3158. Cited 5 times.
<http://www.mdpi.com/2071-1050/10/9/3158/pdf>
doi: 10.3390/su10093158

[View at Publisher](#)

- 20 Zolkafli, U.K., Zakaria, N., Yahya, Z., Ali, A.S., Akashah, F.W., Othman, M., Hock, Y.K.
Risks in conservation projects
(2012) *Journal of Design + Built*, 5 (1). Cited 5 times.

🔍 Nawi, N.H.M.; International Islamic University Malaysia, Malaysia; email:nuhadirah@gmail.com

© Copyright 2020 Elsevier B.V., All rights reserved.

< Back to results | 1 of 1

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

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX