BILD460

Required and optional reading materials for BILD 460 (Building Project Management)



Adafin, Johnson, James O.B. Rotimi, and Suzanne Wilkinson. 'Risk Impact Assessments in Project Budget Development: Quantity Surveyors' Perspectives'. International Journal of Construction Management, 26 April 2018, 1–16. https://doi.org/10.1080/15623599.2018.1462441.

———. 'Why Do the Design Stage Elemental Cost Plan and Final Tender Sum Differ in New Zealand?' Journal of Financial Management of Property and Construction 20, no. 2 (3 August 2015): 116–31. https://doi.org/10.1108/JFMPC-08-2014-0016.

Ahmad, Zubair, Muhammad Jamaluddin Thaheem, and Ahsen Maqsoom. 'Building Information Modeling as a Risk Transformer: An Evolutionary Insight into the Project Uncertainty'. Automation in Construction 92 (August 2018): 103–19. https://doi.org/10.1016/j.autcon.2018.03.032.

Al Nahyan, Moza Tahnoon, Amrik Sohal, Yaser Hawas, and Brian Fildes. 'Communication, Coordination, Decision-Making and Knowledge-Sharing: A Case Study in Construction Management'. Journal of Knowledge Management, 31 January 2019. https://doi.org/10.1108/JKM-08-2018-0503.

Alreshidi, Eissa, Monjur Mourshed, and Yacine Rezgui. 'Factors for Effective BIM Governance'. Journal of Building Engineering 10 (March 2017): 89–101. https://doi.org/10.1016/j.jobe.2017.02.006.

Arditi, David, Shruti Nayak, and Atilla Damci. 'Effect of Organizational Culture on Delay in Construction'. International Journal of Project Management 35, no. 2 (February 2017): 136–47. https://doi.org/10.1016/j.ijproman.2016.10.018.

Bourne, Lynda, and Derek H.T. Walker. 'Project Relationship Management and the Stakeholder CircleTM'. International Journal of Managing Projects in Business 1, no. 1 (25 January 2008): 125–30. https://doi.org/10.1108/17538370810846450.

Chang, Tengyuan, Bon-Gang Hwang, Xiaopeng Deng, and Xianbo Zhao. 'Identifying Political Risk Management Strategies in International Construction Projects'. Advances in Civil Engineering 2018 (25 June 2018): 1–11. https://doi.org/10.1155/2018/1016384.

Chen, LiJuan, and Hanbin Luo. 'A BIM-Based Construction Quality Management Model and Its Applications'. Automation in Construction 46 (October 2014): 64–73. https://doi.org/10.1016/j.autcon.2014.05.009.

Chen, Po-Han, and Thanh Chuong Nguyen. 'A BIM-WMS Integrated Decision Support Tool for Supply Chain Management in Construction'. Automation in Construction 98 (February

2019): 289–301. https://doi.org/10.1016/j.autcon.2018.11.019.

Cheng, Eddie W.L., H. Li, D.P. Fang, and F. Xie. 'Construction Safety Management: An Exploratory Study from China'. Construction Innovation 4, no. 4 (December 2004): 229–41. https://doi.org/10.1108/14714170410815114.

Chin, Lok Siew, and Abdul Rahim Abdul Hamid. The Practice of Time Management on Construction Project. Procedia Engineering. Vol. 125, 2015. https://doi.org/10.1016/j.proeng.2015.11.006.

Curtis Harrison. 'BIM IMPLEMENTATION IN A NEW ZEALAND CONSULTING QUANTITY SURVEYING PRACTICE'. International Journal of Construction Supply Chain Management 5, no. 1 (2014): 1–15. https://doi.org/10.14424/ijcscm501015-01-15.

Davies, Kathryn. 'Soft Skill Requirements in a BIM Project Team', 2016. https://doi.org/10.1108/.

Dubois, Anna, Kajsa Hulthén, and Viktoria Sundquist. 'Organising Logistics and Transport Activities in Construction'. The International Journal of Logistics Management, 11 January 2019. https://doi.org/10.1108/IJLM-12-2017-0325.

Durdyev, Serdar, and Jasper Mbachu. 'On-Site Labour Productivity of New Zealand Construction Industry: Key Constraints and Improvement Measures'. Construction Economics and Building 11, no. 3 (21 September 2011): 18–33. https://doi.org/10.5130/AJCEB.v11i3.2120.

Ejohwomu, Obuks Augustine, Olalekan Shamsideen Oshodi, and Ka Chi Lam. 'Nigeria's Construction Industry: Barriers to Effective Communication'. Engineering, Construction and Architectural Management 24, no. 4 (17 July 2017): 652–67. https://doi.org/10.1108/ECAM-01-2016-0003.

Hajikazemi, Sara, Bjørn Andersen, and Jan Alexander Langlo. 'Analyzing Electrical Installation Labor Productivity through Work Sampling'. International Journal of Productivity and Performance Management 66, no. 4 (10 April 2017): 539–53. https://doi.org/10.1108/IJPPM-06-2016-0122.

Heravi, Amirhossein, Vaughan Coffey, and Bambang Trigunarsyah. 'Evaluating the Level of Stakeholder Involvement during the Project Planning Processes of Building Projects'. International Journal of Project Management 33, no. 5 (July 2015): 985–97. https://doi.org/10.1016/j.ijproman.2014.12.007.

Irizarry, Javier, Ebrahim P. Karan, and Farzad Jalaei. 'Integrating BIM and GIS to Improve the Visual Monitoring of Construction Supply Chain Management'. Automation in Construction 31 (May 2013): 241–54. https://doi.org/10.1016/j.autcon.2012.12.005.

Josephson, Per-Erik, and Lasse Björkman. 'Why Do Work Sampling Studies in Construction? The Case of Plumbing Work in Scandinavia'. Engineering, Construction and Architectural Management 20, no. 6 (11 November 2013): 589–603. https://doi.org/10.1108/ECAM-12-2011-0108.

Kang, Leen Seok, Hyeon Seung Kim, Hyoun Seok Moon, and Sung-Keun Kim. 'Managing Construction Schedule by Telepresence: Integration of Site Video Feed with an Active nD

CAD Simulation'. Automation in Construction 68 (August 2016): 32–43. https://doi.org/10.1016/j.autcon.2016.04.003.

Kenley, Russell. 'Productivity Improvement in the Construction Process'. Construction Management and Economics 32, no. 6 (3 June 2014): 489–94. https://doi.org/10.1080/01446193.2014.930500.

Limsila, Kedsuda, and Stephen O. Ogunlana. 'Performance and Leadership Outcome Correlates of Leadership Styles and Subordinate Commitment'. Engineering, Construction and Architectural Management 15, no. 2 (29 February 2008): 164–84. https://doi.org/10.1108/0969980810852682.

Liu, Hexu, Mohamed Al-Hussein, and Ming Lu. 'BIM-Based Integrated Approach for Detailed Construction Scheduling under Resource Constraints'. Automation in Construction 53 (May 2015): 29–43. https://doi.org/10.1016/j.autcon.2015.03.008.

Low, Sui Pheng and SpringerLink (Online service). Project Management for the Built Environment: Study Notes. Singapore: Springer Singapore, 2018. https://doi.org/10.1007/978-981-10-6992-5.

Lu, Qiqi, Jongsung Won, and Jack C.P. Cheng. 'A Financial Decision Making Framework for Construction Projects Based on 5D Building Information Modeling (BIM)'. International Journal of Project Management 34, no. 1 (January 2016): 3–21. https://doi.org/10.1016/j.ijproman.2015.09.004.

Ma, Zhiliang, Shiyao Cai, Na Mao, Qiliang Yang, Junguo Feng, and Pengyi Wang. 'Construction Quality Management Based on a Collaborative System Using BIM and Indoor Positioning'. Automation in Construction 92 (August 2018): 35–45. https://doi.org/10.1016/j.autcon.2018.03.027.

Meng, Xianhai, and Paul Boyd. 'The Role of the Project Manager in Relationship Management'. International Journal of Project Management 35, no. 5 (July 2017): 717–28. https://doi.org/10.1016/j.ijproman.2017.03.001.

Nguyen, Luong, and Tsunemi Watanabe. 'The Impact of Project Organizational Culture on the Performance of Construction Projects'. Sustainability 9, no. 5 (9 May 2017). https://doi.org/10.3390/su9050781.

Oluwole Alfred. 'Modelling Organizations Structural Adjustment to BIM Adoption: A Pilot Study on Estimating Organizations'. Journal of Information Technology in Construction (ITcon) 16, no. 38 (n.d.): 653–68. https://www.itcon.org/paper/2011/38.

Park, Chan-Sik, Do-Yeop Lee, Oh-Seong Kwon, and Xiangyu Wang. 'A Framework for Proactive Construction Defect Management Using BIM, Augmented Reality and Ontology-Based Data Collection Template'. Automation in Construction 33 (August 2013): 61–71. https://doi.org/10.1016/j.autcon.2012.09.010.

Park, J. Field Construction Management Application through Mobile BIM and Location Tracking Technology. ISARC. Proceedings of the International Symposium on Automation and Robotics in Construction. Vol. 33, 2016. https://tewaharoa.victoria.ac.nz/primo-explore/fulldisplay?docid=TN proquest1845793191

&context=PC&vid=VUWNUI&lang=en NZ&search scope=64VUW ALL

&adaptor=primo_central_multiple_fe&tab=all&query=any,contains,Field%2 0Construction%20Management%20Application%20through%20Mobile%20BIM%20and%20 Location%20TrackingTechnology&sortby=rank&offset=0.

Parn, Erika A., David Edwards, Zainab Riaz, Fahad Mehmood, and Joseph Lai. 'Engineering-out Hazards: Digitising the Management Working Safety in Confined Spaces'. Facilities 37, no. 3/4 (28 February 2019): 196–215. https://doi.org/10.1108/F-03-2018-0039.

Poirier, Erik A., Sheryl Staub-French, and Daniel Forgues. 'Measuring the Impact of BIM on Labor Productivity in a Small Specialty Contracting Enterprise through Action-Research'. Automation in Construction 58 (October 2015): 74–84. https://doi.org/10.1016/j.autcon.2015.07.002.

Project Management Institute. A Guide to the Project Management Body of Knowledge (PMBOK® Guide). 5th edition. Newtown Square, Pennsylvania: Project Management Institute, 2013. https://ebookcentral.proquest.com/lib/vuw/detail.action?docID=4603786. Qureshi, Sheheryar Mohsin, and ChangWook Kang. 'Analysing the Organizational Factors of Project Complexity Using Structural Equation Modelling'. International Journal of Project Management 33, no. 1 (January 2015): 165–76. https://doi.org/10.1016/j.ijproman.2014.04.006.

Rajeh, Mohammed. 'Estimating Transaction Costs in the New Zealand Construction Procurement: A Structural Equation Modelling Methodology'. Engineering Construction and Architectural Management 22, no. 2 (n.d.): 242–67.

 $https://tewaharoa.victoria.ac.nz/primo-explore/fulldisplay?docid=TN_proquest1709745828 \& amp;context=PC\& amp;vid=VUWNUI\& amp;lang=en_NZ\& amp;search_scope=64VUW_ALL \& amp;adaptor=primo_central_multiple_fe\& amp;tab=all\& amp;query=any,contains,Estimating%20transaction%20costsin%20the%20New%20Zealandconstruction%20procurementA%20structural%20equation%20modelling%20methodology&offset=0.$

Ramachandra, Thanuja. 'Causes of Payment Problems in the New Zealand Construction Industry'. Construction Economics and Building 15, no. 1 (2015). https://doi.org/10.5130/. Senaratne, Sepani, and Manori Ruwanpura. 'Communication in Construction: A Management Perspective through Case Studies in Sri Lanka'. Architectural Engineering and Design Management 12, no. 1 (2 January 2016): 3–18. https://doi.org/10.1080/17452007.2015.1056721.

Singh, Sukhtaj. 'The Implementation of Stakeholder Management and Building Information Modelling (BIM) in UK Construction Projects', 2018. https://wlv.openrepository.com/handle/2436/621760.

Streule, Thomas, Nino Miserini, Olin Bartlomé, Michael Klippel, and Borja García de Soto. 'Implementation of Scrum in the Construction Industry'. Procedia Engineering 164 (2016): 269–76. https://doi.org/10.1016/j.proeng.2016.11.619.

Tabassi, Amin Akhavan, Aldrin Abdullah, and David James Bryde. 'Conflict Management, Team Coordination, and Performance Within Multicultural Temporary Projects: Evidence From the Construction Industry'. Project Management Journal 50, no. 1 (February 2019): 101–14. https://doi.org/10.1177/8756972818818257.

Toor, Shamas-Ur-Rehman. 'Leadership for Future Construction Industry: Agenda for

Authentic Leadership'. International Journal of Project Management 26, no. 6 (n.d.). https://doi.org/10.1016/.

Wei, Yihui, and Stefano Miraglia. 'Organizational Culture and Knowledge Transfer in Project-Based Organizations: Theoretical Insights from a Chinese Construction Firm'. International Journal of Project Management 35, no. 4 (May 2017): 571–85. https://doi.org/10.1016/j.ijproman.2017.02.010.

Ying, J. Fei, John Tookey, and Johannes Roberti. 'SCM Competencies in Construction: Issues and Challenges in New Zealand'. Journal of Engineering, Design and Technology 13, no. 4 (5 October 2015): 522–38. https://doi.org/10.1108/JEDT-01-2013-0002.

Zareei, Samira. 'Project Scheduling for Constructing Biogas Plant Using Critical Path Method'. Renewable and Sustainable Energy Reviews 81 (January 2018): 756–59. https://doi.org/10.1016/j.rser.2017.08.025.

Zhao, Xianbo, Yingbin Feng, Josua Pienaar, and Darryl O'Brien. 'Modelling Paths of Risks Associated with BIM Implementation in Architectural, Engineering and Construction Projects'. Architectural Science Review 60, no. 6 (2 November 2017): 472–82. https://doi.org/10.1080/00038628.2017.1373628.

Zhong, Ray Y., Yi Peng, Fan Xue, Ji Fang, Weiwu Zou, Hao Luo, S. Thomas Ng, Weisheng Lu, Geoffrey Q.P. Shen, and George Q. Huang. 'Prefabricated Construction Enabled by the Internet-of-Things'. Automation in Construction 76 (April 2017): 59–70. https://doi.org/10.1016/j.autcon.2017.01.006.

Zou, Yang, Arto Kiviniemi, Stephen W. Jones, and James Walsh. 'Risk Information Management for Bridges by Integrating Risk Breakdown Structure into 3D/4D BIM'. KSCE Journal of Civil Engineering 23, no. 2 (February 2019): 467–80. https://doi.org/10.1007/s12205-018-1924-3.