

References

1. Wang, Y., Wang, X., Wang, J., Yung, P. and Jun, G. (2013). "Engagement of facilities management in design stage through BIM: framework and a case study." *Advances in CivilEngineering* 2013.
2. Becerik-Gerber, B., Jazizadeh, F., Li, N. and Calis, G. (2011). "Application areas and data requirements for BIM-enabled facilities management." *Journal of Construction Engineering and Management* volume 138(No.3), pp. 431-442.
3. Clarke, J. A., Johnstone, C. M., Kelly, N. J., Strachan, P. A. and Tuohy, P. (2008). "The role of built environment energy efficiency in a sustainable UK energy economy." *Energy policy* 36(12): 4605-4609.
4. Taneja, S., Akinci, B., Garrett, J. H., et al. (2010). "Sensing and field data capture for construction and facility operations." *Journal of construction engineering and management* 137(10): 870-881
5. Ding, G. K. C. (2008). "Sustainable construction-role of environmental assessment tools." *Environment and Management* 86: 451-464.
6. Oti, A. H. and Tizani, W. (2015). "BIM extension for the sustainability appraisal of conceptual steel design." *Advanced Engineering Informatics* 29(1): 28-46.
7. A. I. Dounis and C. Caraiscos, —Advanced control systems engineering for energy and comfort management in a building environment—A review, *Renew. Sustain. Energy Rev.*, vol. 13, no. 6–7, pp. 1246–1261, Aug. 2009.
8. Factors Affecting Indoor Air Quality , Chapter 02 Accessed on: Apr. 21, 2021. [Online]. Available : https://www.epa.gov/sites/production/files/2014-08/documents/sec_2.pdf
9. Thermal comfort in buildings, *Designing Buildings Wiki*, 2016 Accessed on: Apr. 21, 2021. [Online]. Available https://www.designingbuildings.co.uk/wiki/Thermal_comfort_in_buildings
10. *Advances in Social Sciences Research Journal – Vol.6, No.2* Publication Date: Feb. 25, 2019 DoI:10.14738/assrj.62.6195.
11. Fanger, P.O. 1967. Calculation of thermal comfort: Introduction of a basic comfort equation. *ASHRAE Transaction* 73(2):III 4.1

12. ASHRAE.2010. Thermal environmental conditions for human occupancy. ANSI/ASHRAE Standard 55-2010.
13. Fanger. P.O. 1982, Thermal comfort, Robert E. Krieger, Malabar, FL
14. Chien-Cheng Jung¹ , Hsiu-Hao Liang¹ , Hui-Ling Lee² , Nai-Yun Hsu¹ , Huey-Jen Su¹, Allostatic Load Model Associated with Indoor Environmental Quality and Sick Building Syndrome among Office Workers, PLoS ONE · April 2014, Volume 9 , Issue 4 , e95791 pp.3
15. Chandrasiri, Sunil. (2021). Health Impact Of Diesel Vehicle Emissions: The Case Of Colombo City.
16. Serghides et al., 2015D. Serghides, C. Chatzinikola, M. Katafygiotou Comparative studies of the occupants' behaviour in a university building during winter and summer time Int. J. Sustainable Energ., 34 (8) (2015), pp. 528-551
17. Aries et al., 2010
18. M.B. Aries, J.A. Veitch, G.R. Newsham, Windows, view, and office characteristics predict physical and psychological discomfort, J. Environ. Psychol., 30 (4) (2010), pp. 533-541
19. Aries, 2005, M.B.C. Aries, Human Lighting Demands: Healthy Lighting in an Office Environment (2005)
20. C. Chang, P. Chen, Human response to window views and indoor plants in the workplace, HortScience, 40 (5) (2005), pp. 1354-1359
21. D. Serghides, C. Chatzinikola, M. Katafygiotou Comparative studies of the occupants' behaviour in a university building during winter and summer time, Int. J. Sustainable Energ., 34 (8) (2015), pp. 528-551
22. A. McNicholl, J.O. Lewis, Daylighting in Buildings Energy Research Group, University College Dublin for the European Commission Directorate-General for Energy (DGXVII) (1994)
23. G.Y. Yun, H.J. Kong, H. Kim, J.T. Kim A field survey of visual comfort and lighting energy consumption in open plan offices Energy Build., 46 (2012), pp. 146-151
24. Carlucci S, Causone F, De Rosa F, Pagliano L. A review of indices for assessing visual comfort with a view to their use in optimization processes to support building integrated design. Renewable and Sustainable Energy Reviews. 2015;47(7491):1016-1033

25. Xue P, Mak CM, Huang Y. Quantification of luminous comfort with dynamic daylight metrics in residential buildings. *Energy and Buildings*. 2016;117:99-108
26. Suk JY. Luminance and vertical eye illuminance thresholds for occupants' visual comfort in daylit office environments. *Building and Environment*. 2019;148:107-115
27. Suk JY, Schiler M, Kensek K. Absolute glare factor and relative glare factor based metric: Predicting and quantifying levels of daylight glare in office space. *Energy and Buildings*. 2016;130:8-19
28. Sri Lanka Sustainable Energy Authority Accessed on: Apr. 21, 2021. [Online]. Available: <http://www.energy.gov.lk/index.php/en/knowledge/resources/your-home/lighting>
29. Novak, Thomas & Treytl, Albert & Palensky, Peter. (2007). Common approach to functional safety and system security in building automation and control systems. 1141 - 1148. 10.1109/EFTA.2007.4416910.
30. "EUROPEAN INNOVATION PARTNERSHIP," ISO EN, 05 02 2021. [Online]. Available: https://ec.europa.eu/eip/ageing/standards/home/domotics-and-home-automation/en-iso-16484_en.html. [Accessed 26 04 2021].
31. "BSI," The British Standards Institution 2021, [Online]. Available: <https://landingpage.bsigroup.com/LandingPage/Series?UPI=BS%20EN%2050090>. [Accessed 26 04 2021].
32. "British Standards Institution," 2021. [Online]. Available: <https://shop.bsigroup.com/ProductDetail/?pid=00000000030331517>. [Accessed 26 04 2021].
33. "British Standards Institution," 2021. [Online]. Available: <https://shop.bsigroup.com/ProductDetail?pid=00000000030338209>. [Accessed 26 04 2021].
34. " An official website of the European Union," 2021. [Online]. Available: <https://joinup.ec.europa.eu/collection/ict-standards-procurement/solution/en-62361-22013-power-systems-management-and-associated-information-exchange-interoperability-long/about>. [Accessed 26 04 2021].
35. Wang, Shengwei & Xu, Zhengyuan & Li, Heng & Hong, Ju & Shi, Wenzhong. (2004). Investigation on intelligent building standard communication protocols and application of IT technologies. *Automation in Construction*. 13. 607-619. 10.1016/j.autcon.2004.04.008.

36. Hans R. Kranz & Othmar Gisler.(2002) Trends And Future Challenges In Building Automation And Control Systems Siemens Building Technologies Ltd Building Automation, Zug, Switzerland <http://www.automatedbuildings.com/news/jan02/art/hk/hk.htm> [Accessed 26 04 2021].
37. T. Mundt, P. Wickboldt, Security in building automation systems - a first analysis, in: 2016 International Conference On Cyber Security And Protection Of Digital Services (Cyber Security), 2016, pp. 1–8.
38. G. Dewsbury, I. Sommerville, K. Clarke, M. Rouncefield, “A Dependability Model for Domestic Systems”, SAFECOMP 2003, LNCS 2788, Springer Verlag, Berlin, Heidelberg, pp. 103-115, 2003.https://books.google.lk/books?id=SaJqCQAAQBAJ&pg=PA103&lpg=PA103&dq=G.+Dewsbury,+I.+Sommerville,+K.+Clarke,+M.+Rouncefield,+%E2%80%9CA+Dependability+Model+for+Domestic+Systems%E2%80%9D,+SAFECOMP+2003,+LNCS+2788,+Springer+Verlag,+Berlin,+Heidelberg,+pp.+103-115,+2003&source=bl&ots=HxtMukr_rP&sig=ACfU3U2EM6gdeq6uX8fnA_jbeviR9pOseg&hl=en&sa=X&ved=2ahUKEwjb74yyoKPwAhURcCsKHcnaA8wQ6AEwAnoECAQQA#w=onpage&q=G.%20Dewsbury%2C%20I.%20Sommerville%2C%20K.%20Clarke%2C%20M.%20Rouncefield%2C%20%E2%80%9CA%20Dependability%20Model%20for%20Domestic%20Systems%E2%80%9D%2C%20SAFECOMP%202003%2C%20LNCS%202788%2C%20Springer%20Verlag%2C%20Berlin%2C%20Heidelberg%2C%20pp.%20103-115%2C%202003&f=false [Accessed 26 04 2021].
39. D.K. Serghides, C.K. Chatzinikola & M.C. Katafygiotou (2015) Comparative studies of the occupants’ behaviour in a university building during winter and summer time, International Journal of Sustainable Energy, 34:8, 528–551, DOI: 10.1080/14786451.2014.905578
40. Jennifer A. Veitch (2001) Psychological Processes Influencing Lighting Quality, Journal of the Illuminating Engineering Society, 30:1, 124-140, DOI: 10.1080/00994480.2001.10748341
41. Aries, M.B.C., 2005. Human Lighting Demands: Healthy Lighting in an Office Environment
42. Aries, M.B., Veitch, J.A., Newsham, G.R., 2010. Windows, view, and office characteristics predict physical and psychological discomfort. J. Environ. Psychol. 30 (4), 533–541.

43. Sharples, Sue & Callaghan, Victor & Clarke, Graham. (1999). Multi-agent architecture for intelligent building sensing and control. *Sensor Review - SENS REV.* 19. 135-140. 10.1108/02602289910266278.
44. AVNET Abacus 2021 [Online]. Available: <https://www.avnet.com/wps/portal/abacus/solutions/technologies/sensors/pressure-sensors/applications/building-automation/> [Accessed 26 04 2021].
45. Ramesh, T.; Prakash, R.; Shukla, K.K. Life cycle energy analysis of buildings: An overview. *Energy Build.* 2010, 42, 1592–1600
46. Dumidu Wijayasekara, Fuzzy Linguistic Knowledge Based Behavior Extraction for Building Energy Management Systems *iee* 2013 6th international symposium on resilient control systems (isrcs) - san francisco, ca, usa ,2013, [online]. Available <https://fdocuments.in/document/ieee-2013-6th-international-symposium-on-resilient-control-systems-isrcs-58c236c280edc.html>[Accessed 26 04 2021]