

LIST OF REFERENCES

- Abbasi, G. Y., Abdel-Jaber, M. S., & Abu-Khadejeh, A. (2005). Risk analysis for the major factors affecting the construction industry in Jordan. *Emirates Journal for Engineering Research*, 10(1), 41-47. Retrieved from [Microsoft Word - 5. Abbasi.doc \(psu.edu\)](#)
- Abd El-Karim, M. S. B. A., Mosa El Nawawy, O. A., & Abdel-Alim, A. M. (2017). Identification and assessment of risk factors affecting construction projects. *HBRC Journal*, 13(2), 202-216. Retrieved from <https://doi.org/10.1016/j.hbrcj.2015.05.001>
- Abd Karim, N. A., Rahman, I. A., Memmon, A. H., Jamil, N., & Azis, A. A. A. (2012, December). Significant risk factors in construction projects: Contractor's perception. In *2012 IEEE Colloquium on Humanities, Science and Engineering (CHUSER)* (pp. 351-354). IEEE. Retrieved from [Significant Risk Management in Construction Projects: Contractor's Perception \(psu.edu\)](#)
- Adedokun, O. A., Ogunsemi, D. R., Aje, I. O., Awodele, O. A., & Dairo, D. O. (2013). Evaluation of qualitative risk analysis techniques in selected large construction companies in Nigeria. *Journal of Facilities Management*, 11(2), 123-135. Retrieved from <https://doi.org/10.1108/14725961311314615>
- Adeleke, A. Q., Bamgbade, J. A., Salimon, M. G., & Lee, C. K. (2019). Project management performance and its influence on Malaysian building projects. *KnE Social Sciences*, 313-329.
- Ahmadi, M., Behzadian, K., Ardestir, A., & Kapelan, Z. (2017). Comprehensive risk management using fuzzy FMEA and MCDA techniques in highway construction projects. *Journal of Civil Engineering and Management*, 23(2), 300-310. Retrieved from <https://doi.org/10.3846/13923730.2015.1068847>
- Akhtar, I. (2016). Research design. Research in social science: interdisciplinary perspectives.

- Akintoye, A., Hardcastle, C., Beck, M., Chinyio, E., & Asenova, D. (2003). Achieving best value in private finance initiative project procurement. *Construction Management and Economics*, 21(5), 461-470. Retrieved from <https://doi.org/10.1080/0144619032000087285>
- Akintoye, A. S., & MacLeod, M. J. (1997). Risk analysis and management in construction. *International Journal of Project Management*, 15(1), 31-38. Retrieved from [https://doi.org/10.1016/S0263-7863\(96\)00035-X](https://doi.org/10.1016/S0263-7863(96)00035-X)
- Alamgir, M., Campbell, M. J., Sloan, S., Goosem, M., Clements, G. R., Mahmoud, M. I., & Laurance, W. F. (2017). Economic, socio-political and environmental risks of road development in the tropics. *Current Biology*, 27(20), 1130-1140. Retrieved from <https://doi.org/10.1016/j.cub.2017.08.067>
- Albogamy, A., & Dawood, N. (2015). Development of a client-based risk management methodology for the early design stage of construction processes: applied to the KSA. *Engineering, Construction and Architectural Management*, 22(5), 493-515. Retrieved from <https://doi.org/10.1108/ECAM-07-2014-0096>
- Alkhamali, K. S. H. (2014). *Leadership style, organisational culture and disputes in public construction* (Doctoral dissertation, Heriot-Watt University).
- Al-Kharashi, A., & Skitmore, M. (2009). Causes of delays in Saudi Arabian public sector construction projects. *Construction Management and Economics*, 27(1), 3-23. Retrieved from <https://doi.org/10.1080/01446190802541457>
- Al-Shibly, H. H., Louzi, B. M., & Hiassat, M. A. (2013). The impact of risk management on construction projects success from the employees' perspective. *Interdisciplinary Journal of Contemporary Research in Business*, 5(4), 12-43.
- Ametepey, S. O., & Ansah, S. K. (2014). Impacts of construction activities on the environment: the case of Ghana. *Journal of Construction Project Management and Innovation*, 4(sup-1), 934-948. Retrieved from <https://hdl.handle.net/10520/EJC162729>

- Ameyaw, E. E., & Chan, A. P. (2015). Evaluation and ranking of risk factors in public-private partnership water supply projects in developing countries using fuzzy synthetic evaluation approach. *Expert Systems with Applications*, 42(12), 5102-5116. Retrieved from <https://doi.org/10.1016/j.eswa.2015.02.041>
- Amirrudin, M., Nasution, K., & Supahar, S. (2021). Effect of Variability on Cronbach Alpha Reliability in Research Practice. *Jurnal Matematika, Statistika Dan Komputasi*, 17(2), 223-230. Retrieved from <https://doi.org/10.20956/jmsk.v17i2.11655>
- Andi. (2006). The importance and allocation of risks in Indonesian construction projects. *Construction Management and Economics*, 24(1), 69-80. Retrieved from <https://doi.org/10.1080/01446190500310338>
- Annual Report of Ministry of Finance, Sri Lanka. (2019).
- Arunplod, C. (2019). A social encouragement in risk awareness using volunteered geographic information and scenario-based analysis. *Arunplod, C.(2019). A social encouragement in risk awareness using volunteered geographic information and scenario-based analysis. Journal of Advanced Research in Social Sciences and Humanities*, 4(6), 232-238. DOI:10.26500/jarssh-04-2019-0605
- Ashley, D. B., Molenaar, K. R., & Diekmann, J. E. (2006). *Guide to risk assessment and allocation for highway construction management* (No. FHWA-PL-06-032). United States. Federal Highway Administration. Office of International Programs. (Report)
- Ashworth, A. (1996), *Pre-Contract Studies: Development Economics, Tendering and Estimating*, Addison Wesley Longman Limited., England. Retrieved from <http://dl.lib.uom.lk/handle/123/17136>
- Association for Project Management. (2000). Project Management Body of Knowledge, 4th edition, Project Risk Analysis and Management, a guide by APM. Retrieved from [https://doi.org/10.1016/S0263-7863\(99\)00068-X](https://doi.org/10.1016/S0263-7863(99)00068-X)

- Ayyub, B. M. (2003). *Risk analysis in engineering and economics*. Chapman and Hall/CRC. Retrieved from <https://doi.org/10.1201/9780203497692>
- Azis, A. A. A., Memon, A. H., Rahman, I. A., Latif, Q. B. A. I., & Nagapan, S. (2012, September). Cost management of large construction projects in South Malaysia. In 2012 IEEE Symposium on Business, Engineering and Industrial Applications (pp. 625-629). DOI: 10.1109/ISBEIA.2012.6422964
- Badalpur, M., & Nurbakhsh, E. (2021). An application of WASPAS method in risk qualitative analysis: A case study of a road construction project in Iran. *International Journal of Construction Management*, 21(9), 910-918. Retrieved from <https://doi.org/10.1080/15623599.2019.1595354>
- Bahamid, R. A., & Doh, S. I. (2017, November). A review of risk management process in construction projects of developing countries. In *IOP Conference Series: Materials Science and Engineering*, 271(1) 1-8. DOI:10.1088/1757-899X/ 271/1/012042
- Baloi, D., & Price, A. D. (2003). Modelling global risk factors affecting construction cost performance. *International Journal of Project Management*, 21(4), 261-269. Retrieved from [https://doi.org/10.1016/S0263-7863\(02\)00017-0](https://doi.org/10.1016/S0263-7863(02)00017-0)
- Barkley, A. (2017). Implementation of Risk Management in the construction industry in development country. **Dissertation proposal** – University of Birmingham. DOI: 10.13140/RG.2.2.36332.97922
- Boateng, P., Ahiaga-Dagbui, D., Chen, Z., & Ogunlana, S. (2015). Modelling economic risks in megaproject construction: a systemic approach. Proceeding of the 31st Annual ARCOM Conference. 7-9 September 2015. Nottingham. Association of Researches in Construction Management. Pp. 115- 124. Retrieved from <http://hdl.handle.net/10059/1331>

- Bunni, N. G. (2013). *The FIDIC forms of contract*. John Wiley & Sons. Retrieved from <https://d1wqxts1xzle7.cloudfront.net/53293703/The-FIDIC-Forms-of-Contract-3rd-Ed-with-cover-page>.
- Burnard, P., Gill, P., Stewart, K., Treasure, E., & Chadwick, B. (2008). Analysing and presenting qualitative data. *British Dental Journal*, 204(8), 429-432. Retrieved from <https://doi.org/10.1038/sj.bdj.2008.292>
- Carbone, T. A., & Tippett, D. D. (2004). Project risk management using the project risk FMEA. *Engineering Management Journal*, 16(4), 28-35. Retrieved from <https://doi.org/10.1080/10429247.2004.11415263>
- Castelblanco, G., Guevara, J., Mesa, H., & Flores, D. (2020). Risk allocation in unsolicited and solicited road public-private partnerships: Sustainability and management implications. *Sustainability*, 12(11), 4478. Retrieved from <https://doi.org/10.3390/su12114478>
- Central Bank of Sri Lanka (2019). *Annual Report*. Central Bank of Sri Lanka. Colombo.
- Chaudhary, R. (2011). Environmental protection measures in planning construction operation and maintenance of national highways in India. *International Journal of Advances in Engineering Research*, 2(3), 1-11. Retrieved from <http://www.ijaer.com/>
- Chen, J., Dong, B., Li, H., Zhang, S., Peng, L., Fang, L., ... & Li, S. (2020). Study on landscape ecological risk assessment of Hooded Crane breeding and overwintering habitat. *Environmental Research*, 187, 109649.
- Chen, Z., Li, H., & Wong, C. T. (2000). Environmental management of urban construction projects in China. *Journal of Construction Engineering and Management*, 126(4), 320-324.

- Chileshe, N., & Yirenkyi-Fianko, A. B. (2012). An evaluation of risk factors impacting construction projects in Ghana. *Journal of Engineering, Design and Technology*.
- Chio, H., Choi, H., & Cho, J. (2004). Risk assessment methodology for underground construction projects. *Journal of Construction Engineering and Management*, 13(2), 258-272.
- Coffin, A. W. (2007). From road kill to road ecology: a review of the ecological effects of roads. *Journal of Transport Geography*, 15(5), 396-406. Retrieved from <https://doi.org/10.1016/j.jtrangeo.2006.11.006>
- Collier, P., Kirchberger, M., & Söderbom, M. (2016). The cost of road infrastructure in low-and middle-income countries. *The World Bank Economic Review*, 30(3), 522-548. Retrieved from <https://doi.org/10.1093/wber/lhv037>
- Cooper, D., & Chapman, C. (1987). *Risk analysis for large projects: models, methods, and cases*. Chichester, UK: John Wiley & Sons.
- Cooper D, Grey S, Raymond G, Walker P. (2005). *Project risk management guidelines: managing risk in large projects and complex procurements*. Chippenham (UK): John Wiley & Sons, Ltd.
- Creedy, G. D. (2006). Risk factors leading to cost overrun in the delivery of highway construction projects. PhD thesis, Queensland University of Technology.
- Creedy, G. D., Skitmore, M., & Wong, J. K. (2010). Evaluation of risk factors leading to cost overrun in delivery of highway construction projects. *Journal of Construction Engineering and Management*, 136(5), 528-537. Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0000160](https://doi.org/10.1061/(ASCE)CO.1943-7862.0000160)
- Creswell, J. (2009). *Research Design: Qualitative, Quantitative and Mixed Method Approaches* (3rd ed.). Los Angeles: SAGE Publications.

Creswell, J.W. (2013). *Qualitative inquiry and research design: choosing among five approaches*. London. SAGE Publications.

Creswell, J. W. (2014). *Research Design: Qualitative, quantitative and mixed methods Approaches (4th Ed.)*. Thousand Oaks, CA: Sage.

Crnković, D., & Vukomanović, M. (2016). Comparison of trends in risk management theory and practices within the construction industry. *Advances in Civil and Architectural Engineering*, 7(13), 1-11. Retrieved from <https://doi.org/10.13167/2016.13.1>

Dako, W. (n.d.). (2019) An Assessment of Risk Management practices. A Case study of el-virtuees construction limited. University of Ghana <http://ugspace.ug.edu.gh>

Dey, P. K., & Ogunlana, S. O. (2004). Selection and application of risk management tools and techniques for build-operate-transfer projects. *Industrial Management & Data Systems*, 104(4), 334-346. Retrieved from <https://doi.org/10.1108/02635570410530748>

Dhanasinghe, I., & Perera, B. A. K. S. (2008). Risk allocation of road projects in Sri Lanka. *Building Resilience*, 83.

Diab, M. F., Varma, A., & Panthi, K. (2017). Modelling the construction risk ratings to estimate the contingency in highway projects. *Journal of Construction Engineering and Management*, 143(8), 1-8. Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001334](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001334)

Douglas, H. (2009). The failure of risk management: why it's broken and how to fix it. (*1st ed*). John Wiley & Sons, NY, 46, 271.

Dulac, J. (2013). Global land transport infrastructure requirements. Estimating road and railway infrastructure capacity and costs to 2050, Information paper, (pp. 1-54). Paris: *International Energy Agency*, 20, 2014.

- Dziadosz, A., & Rejment, M. (2015). Risk analysis in construction project-chosen methods. *Procedia Engineering*, 122, 258-265. Retrieved from <https://doi.org/10.1016/j.proeng.2015.10.034>
- Edwards, P. J., & Bowen, P. A. (1998). Risk and risk management in construction: a review and future directions for research. *Engineering Construction and Architectural Management*, 5(4), 339-349. Retrieved from <https://doi.org/10.1046/j.1365-232X.1998.54072.x>
- Elkington, P., & Smallman, C. (2002). Managing project risks: a case study from the utilities sector. *International Journal of Project Management*, 20(1), 49-57. Retrieved from [https://doi.org/10.1016/S0263-7863\(00\)00034-X](https://doi.org/10.1016/S0263-7863(00)00034-X)
- Elmabruk, R., & Almwber, A. (2018). Research design and methodology.
- El-Sayegh, S. M. (2008). Risk assessment and allocation in the UAE construction industry. *International Journal of Project Management*, 26(4), 431-438. Retrieved from <https://doi.org/10.1016/j.ijproman.2007.07.004>
- El-Sayegh, S. M., Manjikian, S., Ibrahim, A., Abouelyousr, A., & Jabbour, R. (2021). Risk identification and assessment in sustainable construction projects in the UAE. *International Journal of Construction Management*, 21(4), 327-336. Retrieved from <https://doi.org/10.1080/15623599.2018.1536963>
- El-Sayegh, S. M., & Mansour, M. H. (2015). Risk assessment and allocation in highway construction projects in the UAE. *Journal of Management in Engineering*, 31(6), 1-11. Retrieved from [Risk Assessment and Allocation in Highway Construction Projects in the UAE | Journal of Management in Engineering | Vol 31, No 6 \(ascelibrary.org\)](https://www.ascelibrary.org/doi/10.1061/(ASCE)1084-0699.0000857)
- Enshassi, A., & Mosa J A (2015). Risk management in building projects: owners' perspective, *IUG Journal for Natural and Engineering Studies*, 16(1) 1-29. Retrieved from <http://hdl.handle.net/20.500.12358/23357>

Environmental Protection Department (EPD). (1999). *Environment Hong Kong annual report 1999*, Hong Kong Government, 8–15.

Everitt, B. S., & Skrondal, A. (2010). The Cambridge dictionary of statistics. Retrieved from <http://196.43.179.3:8080/xmlui/handle/123456789/1213>

Fang, D. L. M., Fong, P. S. W., & Shen, L. (2004). Risks in Chinese construction market-contractors' perspective. *Journal of Construction Engineering Management*, 130(6), 853-861. DOI:10.1061/(ASCE)0733-9364(2004)130:6 (853)

Fang, C., & Marle, F. (2012). A simulation-based risk network model for decision support in project risk management. *Decision Support Systems*, 52(3), 635-644. Retrieved from <https://doi.org/10.1016/j.dss.2011.10.021>

Flanagan, R., & Norman, G. (1993). *Risk management and construction*. Oxford: Blackwell Science Ltd.

Fok, P., Neo, B. H., Wen, D., & Veeresh, C. (2012). Design and construction of earth retaining walls for deep excavation—a risk management process. *The IES Journal Part A: Civil & Structural Engineering*, 5(3), 204-209. Retrieved from <https://doi.org/10.1080/19373260.2012.696441>

Gain, H., Kumar Mishra, A., & Aithal, P. S. (2022). Risk Management Practice Adopted in Road Construction Project. *International Journal of Management, Technology, and Social Sciences (IJMITS)*, 7(1), 21-36. Retrieved from <https://mpra.ub.uni-muenchen.de/112055/>

Ghoddousi, P., & Hosseini, M. R. (2012). A survey of the factors affecting the productivity of construction projects in Iran. *Technological and Economic Development of Economy*, 18(1), 99-116. Retrieved from <https://doi.org/10.3846/20294913.2012.661203>

- Goertzen, M. J. (2017). *Applying quantitative methods to e-book collections*. ALA Tech Source. Retrieved from [applying quantitative methods to e-book collections.pdf](#)
- Goh, C. S., & Abdul-Rahman, H. (2013). The identification and management of major risks in the Malaysian construction industry. *Journal of Construction in Developing Countries*, 18(1), 19-32. Retrieved from [The-Identification-and-Management-of-Major-Risks-in-the-Malaysian-Construction-Industry.pdf \(researchgate.net\)](#)
- Gosavi, A. (2015). Analyzing Responses from Likert Surveys and Risk-adjusted Ranking: A Data Analytics Perspective. *Complex Adaptive Systems*, 61, 24-31. Retrieved from [Analyzing-Responses-from-Likert-Surveys-and-Risk-adjusted-Ranking-A-Data-Analytics-Perspective.pdf \(researchgate.net\)](#)
- Goundar, S. (2012). Research Methodology and Research Method: Methods Commonly Used By Researchers. *Victoria University of Wellington*. Retrieved from <https://prallagon.com/wpcontent/uploads/2021/05/Research-Methodology-A2.pdf>.
- Han, S. H., Kim, D. Y., Kim, H., & Jang, W. S. (2008). A web-based integrated system for international project risk management. *Automation in Construction*, 17(3), 342-356. Retrieved from <https://doi.org/10.1016/j.autcon.2007.05.012>
- Hanna, A. S., Swanson, J. R., & Aoun, D. G. (2014). Proper risk allocation during construction: Differing site conditions. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 6(4), 21-32. Retrieved from [Proper Risk Allocation during Construction: Differing Site Conditions | Journal of Legal Affairs and Dispute Resolution in Engineering and Construction | Vol 6, No 4 \(ascelibrary.org\)](#)
- Haolader, F. A., Cicioglu, D., & Kassim, K. (2017). A model of technical and vocational teacher education at bachelor's degree level and its relevance to the occupational tasks of TVET teachers in the OIC member states. *TVET@ Asia*,

(8), 1-19. Retrieved from [paper_2-haolader_et.al_tvet820200413-20815-19c3ell-with-cover-page-v2.pdf\(d1wqxts1xzle7.cloudfront.net\)](https://paper_2-haolader_et.al_tvet820200413-20815-19c3ell-with-cover-page-v2.pdf(d1wqxts1xzle7.cloudfront.net))

Hardcastle, C., Edwards, P. J., Akintoye, A., & Li, B. (2005). Critical success factors for PPP/PFI projects in the UK construction industry: a factor analysis approach. *Construction Management and Economics*, 23(5), 459-471. Retrieved from <https://doi.org/10.1080/01446190500041537>

Harwell, M. R. (2011). Research design: Qualitative, quantitative, and mixed methods: Pursuing ideas as the keystone of exemplary inquiry. In *The Sage handbook for research in education: Pursuing ideas as the keystone of exemplary inquire*. Sage. Retrieved from [Research design: Qualitative, quantitative, and mixed methods: Pursuing ideas as the keystone of exemplary inquire — Experts@Minnesota \(umn.edu\)](https://www.researchgate.net/publication/227331137)

Hellstén, H. (2018). *Cyber risk management in the Finnish healthcare sector* (Master's thesis). Retrieved from [1518709273.pdf \(1.005Mt\)](https://urn.fi/URN:NBN:fi:jyu-1518709273.pdf)

Hillson, D. (2002). Extending the risk process to manage opportunities. *International Journal of Project Management*, 20(3), 235-240. Retrieved from [https://doi.org/10.1016/S0263-7863\(01\)00074-6](https://doi.org/10.1016/S0263-7863(01)00074-6)

Hiyassat, M. A., Alkasagi, F., El-Mashaleh, M., & Sweis, G. J. (2020). Risk allocation in public construction projects: the case of Jordan. *International Journal of Construction Management*, 1-11. Retrieved from <https://doi.org/10.1080/15623599.2020.1728605>

Hoseini, E., Hertogh, M., & Bosch-Rekveldt, M. (2021). Developing a generic risk maturity model (GRMM) for evaluating risk management in construction projects. *Journal of Risk Research*, 24(7), 889-908. Retrieved from <https://doi.org/10.1080/13669877.2019.1646309>

Hwang, B. G., Shan, M., & Supa'at, N. N. B. (2017). Green commercial building projects in Singapore: Critical risk factors and mitigation measures. *Sustainable*

Cities and Society, 30, 237-247. Retrieved from <https://doi.org/10.1016/j.scs.2017.01.020>

Hwang, B. G., Zhao, X., & Toh, L. P. (2014). Risk management in small construction projects in Singapore: Status, barriers and impact. *International Journal of Project Management*, 32(1), 116-124. Retrieved from <https://doi.org/10.1016/j.ijproman.2013.01.007>

Iqbal, S., Choudhry, R. M., Holschemacher, K., Ali, A., & Tamošaitienė, J. (2015). Risk management in construction projects. *Technological and Economic Development of Economy*, 21(1), 65-78. Retrieved from <https://doi.org/10.3846/20294913.2014.994582>

Iramaneerat, C., Yudkowsky, R., Myford, C. M., & Downing, S. M. (2008). Quality control of an OSCE using generalizability theory and many-faceted Rasch measurement. *Advances in Health Sciences Education*, 13(4), 479-493. Retrieved from <https://doi.org/10.1007/s10459-007-9060-8>

Issa, U. H., Marouf, K. G., & Faheem, H. (2021). Analysis of risk factors affecting the main execution activities of roadways construction projects. *Journal of King Saud University-Engineering Sciences*. Retrieved from <https://doi.org/10.1016/j.jksues.2021.05.004>

Jarkas, A. M., & Haupt, T. C. (2015). Major construction risk factors considered by general contractors in Qatar. *Journal of Engineering, Design and Technology*, 13(1), 165-194. Retrieved from <https://doi.org/10.1108/JEDT-03-2014-0012>

Jayasudha, K., & Vidivell, B. (2016). Analysis of major risks in construction projects. *ARPJ Journal of Engineering and Applied Sciences*, 11(11), 6943-6950. Retrieved from [jeas_0616_4375.pdf\(arpnjournals.org\)](jeas_0616_4375.pdf(arpnjournals.org))

Jepson, J., Kirytopoulos, K., & London, K. (2020). Insights into the application of risk tools and techniques by construction project managers. *International Journal of Construction Management*, 20(8), 848-866. Retrieved from <https://doi.org/10.1080/15623599.2018.1494673>

- Jiao, P., Zhang, H., & He, K. (2015, November). The environmental problems of highway construction. In *5th International Conference on Civil Engineering and Transportation* (pp. 1357-1360). Atlantis Press.
- Kagne, R. K., & Vyas, G. S. (2020, August). Investigation and Modeling of Financial Risks Associated with PPP Road Projects in India. In *International Conference on Transportation and Development 2020* (pp. 309-318). Reston, VA: American Society of Civil Engineers. Retrieved from [Investigation and Modeling of Financial Risks Associated with PPP Road Projects in India | International Conference on Transportation and Development 2020 \(ascelibrary.org\)](#)
- Karimi Azari, A., Mousavi, N., Mousavi, S. F., & Hosseini, S. (2011). Risk assessment model selection in construction industry. *Expert Systems with Applications*, 38(8), 9105-9111. Retrieved from <https://doi.org/10.1016/j.eswa.2010.12.110>
- Karlson, M., & Mörtberg, U. (2015). A spatial ecological assessment of fragmentation and disturbance effects of the Swedish road network. *Landscape and Urban Planning*, 134, 53-65. Retrieved from <https://doi.org/10.1016/j.landurbplan.2014.10.009>
- Karunasena, G., Abeydeera, L.H.U.W., Ranasinghe, U., & Pratheeban, S. (2017). Challenges in highway construction projects in Sri Lanka. Research gate. Net Article 2017. (04.04.2021) Retrieved from https://www.researchgate.net/profile/Gayani_Karunasena/publication/324490801_Challenges_in_Highway_Construction_Projects_in_Sri_Lanka/links/5ad00cd5a6fdcc87841191fb/Challenges-in-Highway-Construction-Projects-in-Sri-Lanka.pdf
- Kishan, P., Bhatt, R., & Bhavsar, J. J. (2014). A study of risk factors affecting building construction projects. *International Journal of Engineering Research & Technology*, 3(12), 831-835.

- Klemetti, A. (2006). Risk management in construction project networks. Retrieved from <http://urn.fi/urn:nbn:fi:tkk-006304>
- Khodeir, L. M., & Mohamed, A. H. M. (2015). Identifying the latest risk probabilities affecting construction projects in Egypt according to political and economic variables. From January 2011 to January 2013. *HBRC Journal*, 11(1), 129-135. Retrieved from <https://doi.org/10.1016/j.hbrcj.2014.03.007>
- Kothari, C. R. (2004). *Research methodology: Methods and techniques*. New Age International. Retrieved from [Research Methodology: Methods and Techniques - C. R. Kothari - Google Books](#)
- Kuang, Z. (2011). Risk management in construction projects: Application of risk management in construction period. Bachelor of Architectural Technology and Construction Management. Via University College, Horsens Campus, Denmark.
- Kululanga, G., & Kuotcha, W. (2010). Measuring project risk management process for construction contractors with statement indicators linked to numerical scores. *Engineering, Construction and Architectural Management*. 17(4), 336-351. Retrieved from <https://doi.org/10.1108/09699981011056556>
- Kumar, R. (2018). *Research methodology: A step-by-step guide for beginners* (5 th ed.). Los Angelies. Sage.
- Kumar, R. P., Sheikh, A., & Asadi, S. S. (2017). A Systematic Approach For Evaluation of Risk Management In Road Construction Projects-A Model Study. *International Journal of Civil Engineering and Technology*, 8(3), 888-902. Retrieved from <http://www.iaeme.com/IJCIET/index.asp>
- Kuo, Y. C., & Lu, S. T. (2013). Using fuzzy multiple criteria decision making approach to enhance risk assessment for metropolitan construction projects. *International Journal of Project Management*, 31(4), 602-614. Retrieved from <https://doi.org/10.1016/j.ijproman.2012.10.003>

- Laurance, S. G., & Gomez, M. S. (2005). Clearing width and movements of understory rainforest birds 1. *Biotropica: The Journal of Biology and Conservation*, 37(1), 149-152. Retrieved from <https://doi.org/10.1111/j.1744-7429.2005.04099.x>
- Laurance, W. F., & Balmford, A. (2013). A global map for road building. *Nature*, 495(7441), 308-309. Retrieved from <https://doi.org/10.1038/495308a>
- Laurance, W. F., Clements, G. R., Sloan, S., O'connell, C. S., Mueller, N. D., Gooseem, M., & Arrea, I. B. (2014). A global strategy for road building. *Nature*, 513(7517), 229-232. Retrieved from <https://doi.org/10.1038/nature13717>
- Laurance, W. F., Gooseem, M., & Laurance, S. G. (2009). Impacts of roads and linear clearings on tropical forests. *Trends in Ecology & Evolution*, 24(12), 659-669. Retrieved from <https://doi.org/10.1016/j.tree.2009.06.009>
- Laurance, W. F., Sloan, S., Weng, L., & Sayer, J. A. (2015). Estimating the environmental costs of Africa's massive "development corridors". *Current Biology*, 25(24), 3202-3208. Retrieved from <https://doi.org/10.1016/j.cub.2015.10.046>
- Lee, N., & Schaufelberger, J. E. (2014). Risk management strategies for privatized infrastructure projects: Study of the build-operate-transfer approach in East Asia and the Pacific. *Journal of Management in Engineering*, 30(3), 1-8. Retrieved from [Risk Management Strategies for Privatized Infrastructure Projects: Study of the Build-Operate-Transfer Approach in East Asia and the Pacific | Journal of Management in Engineering | Vol 30, No 3 \(ascelibrary.org\)](https://www.ascelibrary.org/doi/10.1061/(ASCE)1084-0699.0000620)
- Lewis, S. C., Zamith, R., & Hermida, A. (2013). Content analysis in an era of big data: A hybrid approach to computational and manual methods. *Journal of Broadcasting & Electronic Media*, 57(1), 34-52. Retrieved from <https://doi.org/10.1080/08838151.2012.761702>

- Liu, B. (2010). Uncertain risk analysis and uncertain reliability analysis. *Journal of Uncertain Systems*, 4(3), 163-170. Retrieved from <http://orsc.edu.cn/liu>.
- Liu, J., Li, B., Lin, B., & Nguyen, V. (2007). Key issues and challenges of risk management and insurance in China's construction industry: An empirical study. *Industrial Management & Data Systems*, 107(3), 382-396. Retrieved from <https://doi.org/10.1108/02635570710734280>
- Liu, J., Zhao, X., & Yan, P. (2016). Risk paths in international construction projects: Case study from Chinese contractors. *Journal of Construction Engineering and Management*, 142(6), 1-9. Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001116](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001116)
- Loosemore, M., & McCarthy, C. S. (2008). Perceptions of contractual risk allocation in construction supply chains. *Journal of Professional Issues in Engineering Education and Practice*, 134(1), 95-105. Retrieved from [https://doi.org/10.1061/\(ASCE\)1052-3928\(2008\)134:1\(95\)](https://doi.org/10.1061/(ASCE)1052-3928(2008)134:1(95))
- Madushika, W. H. S., Perera, B. A. K. S., Ekanayake, B. J., & Shen, G. Q. P. (2020). Key performance indicators of value management in the Sri Lankan construction industry. *International Journal of Construction Management*, 20(2), 157-168. Retrieved from <https://doi.org/10.1080/15623599.2018.1484556>
- Mann, D., Anees, M. M., Rankavat, S., & Joshi, P. K. (2021). Spatio-temporal variations in landscape ecological risk related to road network in the Central Himalaya. *Human and Ecological Risk Assessment: An International Journal*, 27(2), 289-306. Retrieved from <https://doi.org/10.1080/10807039.2019.1710693>
- Maria-Sanchez, P. (2004). Estimation of environmental risks in construction projects in Puebla (Mexico): a neural network approach. *WIT Transactions on Ecology and the Environment*, 77(2), 603-612. Retrieved from <RISK04055FU.pdf>

Martins, A. (2011) *Gestão de Riscos em Obras de Construção Civil*. (Master Thesis in Civil Engineering, University of Trás-os-Montes and Alto Douro - UTAD), Vila Real, Portugal, pp. 100.

Mehr, S. Y., & Omran, A. (2013). Examining the challenges affect on the effectiveness of materials management in the Malaysian construction industry. *International Journal of Academic Research*, 5(2), 56-63. DOI: 10.7813/2075-4124.2013/5-2/A.7

Merna, T., Chu, Y., & Al-Thani, F. F. (2010). *Project finance in construction: A structured guide to assessment* (1st ed.). University of Manchester. John Wiley & Sons.

Mhetre, K. V., Wagh, Y. D., Bhujbal, A. D., Patil, S. M., & Ranaware, A. N. (2019). Risk Management of Construction Projects by using Primavera Risk Analysis. 6(5), 1639-1642. Retrieved from [IRJET-V6I532820190706-48198-lpw6bo-with-cover-page-v2.pdf \(d1wqxts1xzle7.cloudfront.net\)](https://irjet.net/V6I532820190706-48198-lpw6bo-with-cover-page-v2.pdf)

Mills, A. (2001). A systematic approach to risk management for construction. *Structural Survey*. 19(5), 245-252. Retrieved from <https://doi.org/10.1108/02630800110412615>

Mishra, A. K., & Mallik, K. (2017). Factors and impact of risk management practice on success of construction projects of housing developers, Kathmandu, Nepal. *International Journal of Sciences: Basic and Applied Research (IJSBAR)*, 36(7), 206-232. Retrieved from [Factors-and-Impact-of-Risk-Management-Practice-on-Success-of-Construction-Projects-of-Housing-Developers-Kathmandu-Nepal.pdf \(researchgate.net\)](https://www.researchgate.net/publication/317053088/Factors-and-Impact-of-Risk-Management-Practice-on-Success-of-Construction-Projects-of-Housing-Developers-Kathmandu-Nepal.pdf)

Mohajan, H. K. (2017). Aspects of mathematical economics, social choice and game theory: Jamal Nazrul Islam Research Centre for Mathematical Research. *Journal of Economic Development, Environment and People, March*. Retrieved from [https://doi.org/10.13140/RG.2\(16589.03040\)](https://doi.org/10.13140/RG.2(16589.03040))

- Molenaar, K. R., & Wilson, C. R. (2009). A risk-based approach to contingency estimation in highway project development. In *Construction Research Congress 2009: Building a Sustainable Future* (pp. 786-795). Retrieved from [https://doi.org/10.1061/41020\(339\)80](https://doi.org/10.1061/41020(339)80)
- Moshood, T. D., Adeleke, A. Q., Nawanir, G., & Mahmud, F. (2020). Ranking of human factors affecting contractors' risk attitudes in the Malaysian construction industry. *Social Sciences & Humanities Open*, 2(1). Retrieved from <https://doi.org/10.1016/j.ssaho.2020.100064>
- Myers, N., Mittermeier, R. A., Mittermeier, C. G., Da Fonseca, G. A., & Kent, J. (2000). Biodiversity hotspots for conservation priorities. *Nature*, 403(6772), 853-858. DOI: <https://doi.org/10.1038/35002501>
- Naji, H. I., & Ali, R. H. (2017). Risk response selection in construction projects. *Civil Engineering Journal*, 3(12), 1208-1221. DOI: 10.28991/cej-030950
- Naji, H. I., & Ali, R. H. (2018, January). Qualitative analysis of cost risk using WEKA program. In *2018 1st International Scientific Conference of Engineering Sciences-3rd Scientific Conference of Engineering Science (ISCES)* (pp. 271-274). IEEE. DOI: 10.1109/ISCES.2018.8340566
- Neilson, W. S. (2006). Axiomatic reference-dependence in behavior toward others and toward risk. *Economic Theory*, 28(3), 681-692. Retrieved from <https://doi.org/10.1007/s00199-005-0643-4>
- Nguyen, A., Mollik, A., & Chih, Y. Y. (2018). Managing critical risks affecting the financial viability of public-private partnership projects: Case study of toll road projects in Vietnam. *Journal of Construction Engineering and Management*, 144(12). Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001571](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001571)

- Nieto-Morote, A., & Ruz-Vila, F. (2011). A fuzzy approach to construction project risk assessment. *International Journal of Project Management*, 29(2), 220-231. Retrieved from <https://doi.org/10.1016/j.ijproman.2010.02.002>
- Ofori, G. (1992). The environment: the fourth construction project objective?. *Construction Management and Economics*, 10(5), 369-395. Retrieved from <https://doi.org/10.1080/01446199200000037>
- Olamiwale, I. O. (2014). *Evaluation of risk management practices in the construction industry in Swaziland*. (Master of Quantity Surveying Thesis, Tshwane University of Technology, Pretoria, South Africa).
- Omopariola, E. D., Windapo, A., Edwards, D. J., & El-Gohary, H. (2021). Level of Financial Performance of Selected Construction Companies in South Africa. *Journal of Risk and Financial Management*, 14(11), 518. Retrieved from <https://doi.org/10.3390/jrfm14110518>
- Palliyaguru, R., Karunasena, G., & Ang, S. (2018). Review on sustainable building design and construction in the rural context: the case of building Ampara, Sri Lanka. In *Sustainable Development Research in the Asia-Pacific Region* (pp. 493-507). Springer, Cham. Retrieved from https://doi.org/10.1007/978-3-319-73293-0_29
- Peckiene, A., Komarovska, A., & Ustinovicius, L. (2013). Overview of risk allocation between construction parties. *Procedia Engineering*, 57, 889-894. Retrieved from <https://doi.org/10.1016/j.proeng.2013.04.113>
- Perera, B. A. K. S., Dhanasinghe, I., & Rameezdeen, R. (2009). Risk management in road construction: the case of Sri Lanka. *International Journal of Strategic Property Management*, 13(2), 87-102. Retrieved from <https://doi.org/10.3846/1648-715X.2009.13.87-102>
- Perera, B. A. K. S., Samarakkody, A. L., & Nandasena, S. R. (2020). Managing financial and economic risks associated with high-rise apartment building

construction in Sri Lanka. *Journal of Financial Management of Property and Construction*, 25(1), 143-162. Retrieved from <https://doi.org/10.1108/JFMPC-04-2019-0038>

Perera, B. A. K. S., Rameezdeen, R., Chileshe, N., & Hosseini, M. R. (2014). Enhancing the effectiveness of risk management practices in Sri Lankan road construction projects: A Delphi approach. *International Journal of Construction Management*, 14(1), 1-14. <DOI:10.1080/15623599.2013.875271>

Perez, D., Gray, J., & Skitmore, M. (2017). Perceptions of risk allocation methods and equitable risk distribution: a study of medium to large Southeast Queensland commercial construction projects. *International Journal of Construction Management*, 17(2), 132-141. Retrieved from <https://doi.org/10.1080/15623599.2016.1233087>

PMI Standards Committee, & Project Management Institute. (1996). A guide to the project management body of knowledge. Project Management Institute.

PMI. (2008). *A guide to the project management body of knowledge* (3rd ed.). USA: Project Management Institute Inc.

Project Management Institution (2013). *A guide to the project management body of knowledge* (5th ed.). Newtown Square, Pennsylvania: Project Management Institute.

PMI (2017). *A Guide to the Project Management Body of Knowledge* (PMBOK guide 6th ed.). Project Management Institute.

Popvici, E., Fernando, C., & Navarrete, V. (2016). Risk response strategies in public institution. *International Conference of Science. Romania: Lasi*.

Priyantha, T. H. S., Karunasena, G., & Rodrigo, V. A. K. (2011). Causes, Nature and Effects of variations in Highways. *Built-Environment Sri Lanka*, 9(1-2). Retrieved from <3056-10647-1-PB.pdf>

Punch, K. F. (2013). *Introduction to social research: Quantitative and qualitative approaches*. SAGE Publications.

Rahman, M. K. M., & Joadder, M. M. (2017). A review on the components of EEG-based motor imagery classification with quantitative comparison. *Application Theory Computed Technology*, 2(2), 1-15. DOI: 10.22496/atct20170122133

Rahimi, Y., Tavakkoli-Moghaddam, R., Iranmanesh, S. H., & Vaez-Alaei, M. (2018). Hybrid approach to construction project risk management with simultaneous FMEA/ISO 31000/evolutionary algorithms: Empirical optimization study. *Journal of Construction Engineering and Management*, 144(6). Retrieved from <https://orcid.org/0000-0002-0292-9695>

Rajput, B., Agarwal, A., & Yadav, S. (2020). Risk factors causing cost overrun in highway construction projects. *IUP Journal of Management Research*, 19(3), 7-22. Retrieved from [Risk Factors Causing Cost Overrun in Highway Construction Projects - ProQuest](#)

Rasool, M., Franck, T., Denys, B., & Halidou, N. (2012). Methodology and tools for risk evaluation in construction projects using Risk Breakdown Structure. *European Journal of Environmental and Civil Engineering*, 16(sup1), 78-98. Retrieved from <https://doi.org/10.1080/19648189.2012.681959>

Reilly, J., & Brown, J. (2004, July). Management and control of cost and risk for tunneling and infrastructure projects. In *Proceeding 30th Ita-Aites, World Tunnel Congress Singapore*. Retrieved from <http://worldcat.org/issn/08867798>

Renault, B. Y., & Agumba, J. N. (2016). Risk management in the construction industry: A new literature review. In *MATEC web of conferences* (Vol. 66, pp. 1-8). EDP Sciences. Retrieved from <https://doi.org/10.1051/matecconf/20166600008>

Rezakhani, P. (2012). Classifying key risk factors in construction projects. *Buletinul Institutului Politehnic din Iasi. Sectia Constructii, Arhitectura*, 58(2), 27.

Road Development Authority - Sri Lanka (RDA) 2016

Road Development Authority - Sri Lanka (RDA) 2020, (accessed 2020 November 26) Retrieved from http://www.rda.gov.lk/source/project_details.htm

Rostami, A., & Oduoza, C. F. (2017). Key risks in construction projects in Italy: Contractors' perspective. *Engineering, Construction and Architectural Management*, 24(3), 451-462. Retrieved from <https://doi.org/10.1108/ECAM-09-2015-0142>

Saleem, H., Sajid, A., Aftab, R., & Malik, Z. (2021). A Journey to Cherish; How Transformational Leadership Affects Project Success through Team Performance. *Psychology and Education*, 58(1), 1156-1166. Retrieved from [A-Journey-to-Cherish-How-Transformational-Leadership-Affects-Project-Success-through-Team-Performance.pdf \(researchgate.net\)](#)

Sato, Y., Kitazume, K., & Miyamoto, K. (2005). Quantitative risk analysis of road projects based on empirical data in Japan. *Journal of the Eastern Asia Society for Transportation Studies*, 6, 3971-3984. Retrieved from <https://doi.org/10.11175/easts.6.3971>

Saunders, M., Lewis, P., & Thornhill, A. (2009). *Research methods for business students* (6th ed.). Pearson Education.

Schatteman, D., Herroelen, W., Van de Vonder, S., & Boone, A. (2008). Methodology for integrated risk management and proactive scheduling of construction projects. *Journal of Construction Engineering and Management*, 134(11), 885-893. Retrieved from [https://doi.org/10.1061/\(ASCE\)0733-9364\(2008\)134:11\(885\)](https://doi.org/10.1061/(ASCE)0733-9364(2008)134:11(885))

Serpella, A. F., Ferrada, X., Howard, R., & Rubio, L. (2014). Risk management in construction projects: a knowledge-based approach. *Procedia-Social and Behavioral Sciences*, 119, 653-662. Retrieved from <https://doi.org/10.1016/j.sbspro.2014.03.073>

- Sharaf, M. M. M., & Abdelwahab, H. T. (2015). Analysis of risk factors for highway construction projects in Egypt. *Journal of Civil Engineering and Architecture*, 9(12), 526-533.
- Sharkey, J. J., Bell, M., Jocic, W., & Marginean, R. (2014). *Standard forms of contract in the Australian construction industry*. Melbourne: Law School.
- Sharma, S., & Gupta, A. K. (2019). Risk identification and management in construction projects: Literature review. *International Journal of Humanities, Arts and Social Sciences*, 5(6), 224-231. DOI: <https://dx.doi.org/10.20469/ijhss.5.20002-6>
- Sharma, S. K. (2013). Risk management in construction projects using combined analytic hierarchy process and risk map framework. *IUP Journal of Operations Management*, 12(4), 23-53. Retrieved from [Risk-Management-in-Construction-Projects.pdf \(researchgate.net\)](#)
- Shayan, S., Pyung Kim, K., & Tam, V. W. (2019). Critical success factor analysis for effective risk management at the execution stage of a construction project. *International Journal of Construction Management*, 1-8. Retrieved from <https://doi.org/10.1080/15623599.2019.1624678>
- Singh, Y. K. (2006). *Fundamental of research methodology and statistics*. New Age International. Retrieved from [Fundamental of Research Methodology and Statistics - Yogesh Kumar Singh - Google Books](#)
- Siraj, N. B., & Fayek, A. R. (2019). Risk identification and common risks in construction: Literature review and content analysis. *Journal of Construction Engineering and Management*, 145(9). Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001685](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001685)
- Sodhi, N. S., Koh, L. P., Brook, B. W., & Ng, P. K. (2004). Southeast Asian biodiversity: an impending disaster. *Trends in Ecology & Evolution*, 19(12), 654-660. Retrieved from <https://doi.org/10.1016/j.tree.2004.09.006>

Stephanie. (2014, December 8). *Cronbach's Alpha: Simple Definition, Use and Interpretation*. Retrieved from Calculus How To:
<https://www.statisticshowto.com/cronbachs-alpha-spss/>

Subramanyan, H., Sawant, P. H., & Bhatt, V. (2012). Construction project risk assessment: development of model based on investigation of opinion of construction project experts from India. *Journal of Construction Engineering and Management*, 138(3), 409-421. Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0000435](https://doi.org/10.1061/(ASCE)CO.1943-7862.0000435)

Sun, Y., Fang, D., Wang, S., Dai, M., & Lv, X. (2008). Safety risk identification and assessment for Beijing Olympic venues construction. *Journal of Management in Engineering*, 24(1), 40-47. Retrieved from [https://doi.org/10.1061/\(ASCE\)0742-597X\(2008\)24:1\(40\)](https://doi.org/10.1061/(ASCE)0742-597X(2008)24:1(40))

Sweet, L. (2002). Telephone interviewing: is it compatible with interpretive phenomenological research?. *Contemporary Nurse*, 12(1), 58-63. Retrieved from <https://doi.org/10.5172/conu.12.1.58>

Szymański, P. (2017). Risk management in construction projects. *Procedia Engineering*, 208, 174-182. Retrieved from <https://doi.org/10.1016/j.proeng.2017.11.036>

Tadayon, M., Jaafar, M., & Nasri, E. (2012). An assessment of risk identification in large construction projects in Iran. *Journal of Construction in Developing Countries*, 17, (57-69). Retrieved from [Art_4_jcdc17-s1.pdf \(usm.my\)](Art_4_jcdc17-s1.pdf (usm.my))

Tah, J. H., & Carr, V. (2000). A proposal for construction project risk assessment using fuzzy logic. *Construction Management & Economics*, 18(4), 491-500. Retrieved from <https://doi.org/10.1080/01446190050024905>

Taherdoost, H. (2016). Validity and reliability of the research instrument; how to test the validation of a questionnaire/survey in a research. *How to test the*

validation of a questionnaire/survey in a research (August 10, 2016). Retrieved from <http://dx.doi.org/10.2139/ssrn.3205040>

- Tan, W. C. K. (2002). *Practical research methods*. Prentice Hall.
- Taofeq, D. M., Adeleke, A. Q., & Hassan, A. K. (2019). Factors Affecting Contractors risk attitude from Malaysia construction industry perspective. *Social Science and Humanities Journal*, 3(6), 1281-1298. Retrieved from [402-Article_Text-843-2-10-2019061120200412-91869-etut1q-with-cover-page-v2.pdf\(d1wqtxts1xzle7.cloudfront.net\)](402-Article_Text-843-2-10-2019061120200412-91869-etut1q-with-cover-page-v2.pdf(d1wqtxts1xzle7.cloudfront.net))
- Taroun, A. (2014). Towards a better modelling and assessment of construction risk: Insights from a literature review. *International Journal of Project Management*, 32(1), 101-115. Retrieved from <https://doi.org/10.1016/j.ijproman.2013.03.004>
- Tavakol, M., & Dennick, R. (2011). Making sense of Cronbach's alpha. *International Journal of Medical Education*, 2, 53-55. DOI: 10.5116/ijme.4dfb.8dfd
- Taylan, O., Bafail, A. O., Abdulaal, R. M., & Kabli, M. R. (2014). Construction projects selection and risk assessment by fuzzy AHP and fuzzy TOPSIS methodologies. *Applied Soft Computing*, 17, 105-116. Retrieved from <https://doi.org/10.1016/j.asoc.2014.01.003>
- Taylor, B. S. G., Goshal, T. (2006). *Research methodology: A guide for The Qualitative Report*, 8(4), 597-607.
- Tchankova, L. (2002). Risk identification – basic stage in risk management. *Environmental Management and Health*, 13(3), 290-297. Retrieved from <https://doi.org/10.1108/09566160210431088>
- Tembo-Silungwe, C. K., & Khatleli, N. (2017). Deciphering priority areas for improving project risk management through critical analysis of pertinent risks

in the Zambian construction industry. *Acta Structilia*, 24(2), 1-43. Retrieved from [10.18820/24150487/as24i2.1](https://doi.org/10.18820/24150487/as24i2.1)

Tepeli, E., Taillandier, F., & Breysse, D. (2021). Multidimensional modelling of complex and strategic construction projects for a more effective risk management. *International Journal of Construction Management*, 21(12), 1218-1239. Retrieved from <https://doi.org/10.1080/15623599.2019.1606493>

Terano, H. J. (2015). Development and acceptability of the simplified text with workbook in differential equations as an instructional material for engineering. *Asia Pacific Journal of Multidisciplinary Research*, 3(4), 89-94. Retrieved from [APJMR-2015-3.4.1.1420191208-127334-7xhyqc-with-cover-page-v2.pdf \(d1wqtxts1xzle7.cloudfront.net\)](https://doi.org/10.1080/15623599.2019.1606493)

Thaheem, M. J., & De Marco, A. (2013). A survey on usage and diffusion of project risk management techniques and software tools in the construction industry. *World Academy of Science, Engineering and Technology*, 78, 1383-1390. Retrieved from <http://hdl.handle.net/11583/2509565>

Thompson, P. A., & Perry, J. G. (Eds.). (1992). *Engineering construction risks: A guide to project risk analysis and assessment implications for project clients and project managers*. London: Thomas Telford.

Thurairajah, N., Haigh, R. P., & Amaralunga, R. D. G. (2006). Leadership in construction partnering projects: *Research methodological perspective*. Retrieved from <http://www.disaster-resilience.salford.ac.uk/>

Tran, D. Q., & Molenaar, K. R. (2014). Impact of risk on design-build selection for highway design and construction projects. *Journal of Management in Engineering*, 30(2), 153-162. Retrieved from [https://doi.org/10.1061/\(ASCE\)ME.1943-5479.0000210](https://doi.org/10.1061/(ASCE)ME.1943-5479.0000210)

- Trombulak, S. C., & Frissell, C. A. (2000). Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology*, 14(1), 18-30. Retrieved from <https://doi.org/10.1046/j.1523-1739.2000.99084.x>
- Tserng, H. P., Yin, S. Y., Dzeng, R. J., Wou, B., Tsai, M. D., & Chen, W. Y. (2009). A study of ontology-based risk management framework of construction projects through project life cycle. *Automation in Construction*, 18(7), 994-1008. Retrieved from <https://doi.org/10.1016/j.autcon.2009.05.005>
- Turnbaugh, L. (2005). Risk management on large capital projects. *Journal of Professional Issues in Engineering Education and Practice*, 131(4), 275-280. Retrieved from [https://doi.org/10.1061/\(ASCE\)1052-3928\(2005\)131:4\(275\)](https://doi.org/10.1061/(ASCE)1052-3928(2005)131:4(275))
- Uher, T. E. (1999). Absolute indicators of sustainable construction. In *Proceedings of COBRA* (pp. 243-253).
- Uher, T. E., & Toakley, A. R. (1999). Risk management in the conceptual phase of a project. *International Journal of Project Management*, 17(3), 161-169. Retrieved from [https://doi.org/10.1016/S0263-7863\(98\)00024-6](https://doi.org/10.1016/S0263-7863(98)00024-6)
- University of Vermont, *Enterprise Risk Management Program Guide to Risk Assessment & Response*, 2012, Risk Assessment Guide. Retrieved from <http://www.uvm.edu/~erm/>
- Violante, A., Dominguez, C., & Paiva, A. (2018). Risk Management in Construction Projects: Are Small Companies Prepared? *MOJ Civil Engineering*, 4 (1), 1-7. DOI: 10.15406/mojce.2018.04. 00090
- Waldron, B. (2011). Scope for improvement 2011 - Project risk getting the right balance and outcomes (27th July 2011). Retrieved from <https://doi.org/10.1080/15623599.2016.1233087>
- Walliman, N. (2011). *Research Methods - The Basics*. Retrieved from https://edisciplinas.usp.br/pluginfile.php/2317618/mod_resource/content

/1. BLOCO% 202_Research% 20Methods% 20The% 20Basics. pdf
<https://www.youtube.com/watch>.

Walimuni, P. C., Samaraweera, A., & De Silva, L. (2017). Payment mechanisms for contractors for better environmental hazard controlling in road construction projects. *Built Environment Project and Asset Management*, 7(4), 426-440. Retrieved from <https://doi.org/10.1108/BEPAM-11-2016-0069>

Walker, D. H., & Johannes, D. S. (2003). Construction industry joint venture behaviour in Hong Kong—Designed for collaborative results?. *International Journal of Project Management*, 21(1), 39-49. Retrieved from [https://doi.org/10.1016/S0263-7863\(01\)00064-3](https://doi.org/10.1016/S0263-7863(01)00064-3)

Wang, M. T., & Chou, H. Y. (2003). Risk allocation and risk handling of highway projects in Taiwan. *Journal of Management in Engineering*, 19(2), 60-68. Retrieved from [https://doi.org/10.1061/\(ASCE\)0742-597X\(2003\)19:2\(60\)](https://doi.org/10.1061/(ASCE)0742-597X(2003)19:2(60))

Wang, S. Q., Dulaimi, M. F., & Aguria, M. Y. (2004). Risk management framework for construction projects in developing countries. *Construction Management and Economics*, 22(3), 237-252. Retrieved from <https://doi.org/10.1080/0144619032000124689>

Williams, C. (2007). Research methods. *Journal of Business & Economics Research (JBER)*, 5(3). Retrieved from <https://doi.org/10.19030/jber.v5i3.2532>

Wu, Z., Nisar, T., Kapletia, D., & Prabhakar, G. (2017). Risk factors for project success in the Chinese construction industry. *Journal of Manufacturing Technology Management*, 28(7), 850-866. Retrieved from <https://doi.org/10.1108/JMTM-02-2017-0027>

Yates, A., & Sashegyi, B. (2001). *Effective Risk Allocation in Major Projects: Rhetoric or Reality?: A Survey on Risk Allocation in Major WA Construction Projects*. *Effective Risk Allocation in Major Projects: Rhetoric or Reality?* (1-55). Barton, A.C.T.: Institution of Engineers, Australia and Chamber of Commerce and Industry of Western Australia.

- Yilmaz, K. (2013). Comparison of quantitative and qualitative research traditions: Epistemological, theoretical, and methodological differences. *European Journal of Education*, 48(2), 311-325. Retrieved from <https://doi.org/10.1111/ejed.12014>
- Yoon, Y., Tamer, Z., & Hastak, M. (2015). Protocol to enhance profitability by managing risks in construction projects. *Journal of Management in Engineering*, 31(5). Retrieved from [https://doi.org/10.1061/\(ASCE\)ME.1943-5479.0000339](https://doi.org/10.1061/(ASCE)ME.1943-5479.0000339)
- Zhang, D., Yang, S., Wang, Z., Yang, C., & Chen, Y. (2020). Assessment of ecological environment impact in highway construction activities with improved group AHP-FCE approach in China. *Environmental Monitoring and Assessment*, 192(7), 1-18. Retrieved from <https://doi.org/10.1016/j.jsr.2013.05.003>.
- Zhang, S., Zhang, S., Gao, Y., & Ding, X. (2016). Contractual governance: Effects of risk allocation on contractors' cooperative behaviour in construction projects. *Journal of Construction Engineering and Management*, 142(6). Retrieved from [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0001111](https://doi.org/10.1061/(ASCE)CO.1943-7862.0001111)
- Zhang, Y., & Fan, Z. P. (2014). An optimization method for selecting project risk response strategies. *International Journal of Project Management*, 32(3), 412-422. Retrieved from <https://doi.org/10.1016/j.ijproman.2013.06.006>
- Zayed, T., Amer, M., & Pan, J. (2008). Assessing risk and uncertainty inherent in Chinese highway projects using AHP. *International Journal of Project Management*, 26(4), 408-419. Retrieved from <https://doi.org/10.1016/j.ijproman.2007.05.012>
- Zhi, H. (1995). Risk management for overseas construction projects. *International Journal of Project Management*, 13(4), 231-237. Retrieved from [https://doi.org/10.1016/0263-7863\(95\)00015-I](https://doi.org/10.1016/0263-7863(95)00015-I)

Zhou, L., Vasconcelos, A., & Nunes, M. (2008). Supporting decision making in risk management through an evidence-based information systems project risk checklist. *Information Management & Computer Security*, 16(2), 166-186. Retrieved from <https://doi.org/10.1108/09685220810879636>

Zou, P. X., & Zhang, G. (2009). Managing risks in construction projects: life cycle and stakeholder perspectives. *International Journal of Construction Management*, 9(1), 61-77. Retrieved from <https://doi.org/10.1080/15623599.2009.10773122>

Zou, P. X., Zhang, G., & Wang, J. (2007). Understanding the key risks in construction projects in China. *International Journal of Project Management*, 25(6), 601-614. Retrieved from <https://doi.org/10.1016/j.ijproman.2007.03.001>