

DAFTAR PUSTAKA

- Abdelghany, M., Rahwan, R., Abotaleb, I., Fathy, A., & AlBughdadi, A. (2015). Building on Our Growth Opportunities May 27 – 30, 2015 Miser sur nos opportunités de croissance REGINA, SK.
- Abduh, M., & Roza, H. A. (2006). Toward lean construction: An agenda for Indonesian contractors. 5, 169–174. Scopus.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886692340&partnerID=40&md5=4e5ee214985d85ac4f3b4613ca94fd65>
- Adhi, A. B., & Muslim, F. (2023). Development of Stakeholder Engagement Strategies to Improve Sustainable Construction Implementation Based on Lean Construction Principles in Indonesia. Sustainability, 15(7), 6053.
<https://doi.org/10.3390/su15076053>
- Aduagyei, F., & Ruwanpura, J. (2008). OPTIMIZATION OF RESOURCES IN CONSTRUCTION WORK AREA THROUGH EFFECTIVE PROCESS PLANNING.
- Akadiri, P. O., Chinyio, E. A., & Olomolaiye, P. O. (2012). Design of A Sustainable Building: A Conceptual Framework for Implementing Sustainability in the Building Sector. Buildings, 2(2), 126–152.
<https://doi.org/10.3390/buildings2020126>
- Akinshipe, O. (2026). Sustainable Construction as a Pathway to Mitigating Environmental Degradation. 772 LNCE, 985–995. Scopus.
https://doi.org/10.1007/978-3-032-08992-2_81
- Al-Yami, A. M., & Price, A. D. F. (2005). EXPLORING CONCEPTUAL LINKAGES BETWEEN REKAYASA NILAI AND SUSTAINABLE CONSTRUCTION.
- Araszkiewicz, K. (2020a). Rekayasa nilai applicability in design of sustainable, energy efficient buildings. E3S Web of Conferences, 220, 01013.
<https://doi.org/10.1051/e3sconf/202022001013>
- Araszkiewicz, K. (2020b). Rekayasa nilai applicability in design of sustainable, energy efficient buildings. E3S Web of Conferences, 220, 01013.
<https://doi.org/10.1051/e3sconf/202022001013>

- Asa, M. F., Iskandar, S., Karim, S. B. B. A., & Berawi, M. A. (2025). Cost-Saving Strategy Using Rekayasa nilai Analysis on Basement Construction Work. *International Journal of Technology*, 16(6), 2194. <https://doi.org/10.14716/ijtech.v16i6.7322>
- Azis, A. A. A., Memon, A. H., Rahman, I. A., Nagapan, S., Bux, Q., & Latif, A. I. (2012). Challenges faced By Construction Industry in Accomplishing Sustainability Goals.
- Bajjou, M. S., Chafi, A., & Ennadi, A. (2019). Development of a Conceptual Framework of Lean Construction Principles: An Input–Output Model. *Journal of Advanced Manufacturing Systems*, 18(01), 1–34. <https://doi.org/10.1142/S021968671950001X>
- Ballard, G., & Howell, G. (1998). Shielding Production: Essential Step in Production Control. *Journal of Construction Engineering and Management*, 124(1), 11–17. [https://doi.org/10.1061/\(ASCE\)0733-9364\(1998\)124:1\(11\)](https://doi.org/10.1061/(ASCE)0733-9364(1998)124:1(11))
- Bazjanac, V., Maile, T., O'Donnell, J. T., Tarantino, S., Mrazović, N., & Compostella, J. (2014). Streamlining the Rekayasa nilai Process and its Impact on Building Energy Performance. *Computing in Civil and Building Engineering* (2014), 235–242. <https://doi.org/10.1061/9780784413616.030>
- Bossink, B. A. G., & Brouwers, H. J. H. (1996). Construction Waste: Quantification and Source Evaluation. *Journal of Construction Engineering and Management*, 122(1), 55–60. [https://doi.org/10.1061/\(ASCE\)0733-9364\(1996\)122:1\(55\)](https://doi.org/10.1061/(ASCE)0733-9364(1996)122:1(55))
- Chan, J., Bachmann, C., & Haas, C. (2020). Potential economic and energy impacts of substituting adaptive reuse for new building construction: A case study of Ontario. *Journal of Cleaner Production*, 259, 120939. <https://doi.org/10.1016/j.jclepro.2020.120939>
- Cheah, C. Y. J., & Ting, S. K. (2005). Appraisal of rekayasa nilai in construction in Southeast Asia. *International Journal of Project Management*, 23(2), 151–158. <https://doi.org/10.1016/j.ijproman.2004.07.008>
- Chen, W. T., Merrett, H. C., Chen, H. L., Rantelembang, M. B., & Foeh, M. E. Y. D. (2025). Rekayasa nilai in construction: A systematic review of applications and research trends. *Engineering, Construction and Architectural Management*, 32(13), 477–500. <https://doi.org/10.1108/ECAM-07-2025-1086>

- Chen, W. T., Merrett, H. C., Liu, S.-S., Fauzia, N., & Liem, F. N. (2022). A Decade of Rekayasa nilai in Construction Projects. *Advances in Civil Engineering*, 2022(1), 2324277. <https://doi.org/10.1155/2022/2324277>
- Chen, X., Qiu, D., & Chen, Y. (2024). Reverse Logistics in the Construction Industry: Status Quo, Challenges and Opportunities. *Buildings*, 14(6), 1850. <https://doi.org/10.3390/buildings14061850>
- Chua, D. K., & Shen, L. J. (2005). Key Constraints Analysis with Integrated Production Scheduler. *Journal of Construction Engineering and Management*, 131(7), 753–764. [https://doi.org/10.1061/\(ASCE\)0733-9364\(2005\)131:7\(753\)](https://doi.org/10.1061/(ASCE)0733-9364(2005)131:7(753))
- Conejos, S. (2013). Optimisation of future building adaptive reuse design criteria for urban sustainability. *J. of Design Research*, 11(3), 225. <https://doi.org/10.1504/JDR.2013.056589>
- Danso, H., & Osei Kwadwo, R. (2020). Assessment of Rekayasa nilai Implementation in the Ghanaian Construction Sector. *Journal of The Institution of Engineers (India): Series A*, 101(1), 7–17. <https://doi.org/10.1007/s40030-019-00423-6>
- De Gregorio, S., De Vita, M., De Berardinis, P., Palmero, L., & Risdonne, A. (2020). Designing the Sustainable Adaptive Reuse of Industrial Heritage to Enhance the Local Context. *Sustainability*, 12(21), 9059. <https://doi.org/10.3390/su12219059>
- Ding, G. K. C. (2008). Sustainable construction—The role of environmental assessment tools. *Journal of Environmental Management*, 86(3), 451–464. <https://doi.org/10.1016/j.jenvman.2006.12.025>
- Diputera, I. G. A. (2022). Application of Function Analysis using Function Analysis System Technique (FAST) Diagram on Taman Sari Apartment Construction Project. *Journal of Applied Science, Engineering, Technology, and Education*, 4(1), 39–44. <https://doi.org/10.35877/454RI.asci847>
- Đukić, M., & Zidar, M. (2021). Sustainability of Investment Projects with Energy Efficiency and Non-Energy Efficiency Costs: Case Examples of Public Buildings. *Sustainability*, 13(11), 5837. <https://doi.org/10.3390/su13115837>
- Ekanayake, E. M. A. C., & Sandanayake, Y. G. (2017). LiVE approach: Lean integrated Rekayasa nilai for construction industry. *Built Environment Project*

- and Asset Management, 7(5), 518–533. <https://doi.org/10.1108/BEPAM-11-2016-0071>
- Elrod, J. K., & Fortenberry, J. L. (2017a). Adaptive reuse in the healthcare industry: Repurposing abandoned buildings to serve medical missions. *BMC Health Services Research*, 17(S1), 451. <https://doi.org/10.1186/s12913-017-2339-4>
- Elrod, J. K., & Fortenberry, J. L. (2017b). Advancing indigent healthcare services through adaptive reuse: Repurposing abandoned buildings as medical clinics for disadvantaged populations. *BMC Health Services Research*, 17(S4), 805. <https://doi.org/10.1186/s12913-017-2752-8>
- Eltahlawy, D., Zaki, M., & Eldawla, M. K. (2022). New Healthcare Design Guidelines for the Diagnostic Radiology Department in the Tertiary Healthcare Facilities. *IOP Conference Series: Earth and Environmental Science*, 1056(1), 012006. <https://doi.org/10.1088/1755-1315/1056/1/012006>
- Fay, L., Carll-White, A., Schadler, A., Isaacs, K. B., & Real, K. (2017). Shifting Landscapes: The Impact of Centralized and Decentralized Nursing Station Models on the Efficiency of Care. *HERD: Health Environments Research & Design Journal*, 10(5), 80–94. <https://doi.org/10.1177/1937586717698812>
- Feng, W., & Tian, Z. (2008). Research on Cooperation with 3PLs in Reverse Logistics. 2008 4th International Conference on Wireless Communications, Networking and Mobile Computing, 1–4. <https://doi.org/10.1109/WiCom.2008.1539>
- Fitriani, H., & Ajayi, S. (2023). Barriers to sustainable practices in the Indonesian construction industry. *Journal of Environmental Planning and Management*, 66(10), 2028–2050. <https://doi.org/10.1080/09640568.2022.2057281>
- Garip, E. (2011). Environmental Cues that Affect Knowing: A Case Study in a Public Hospital Building. *Procedia - Social and Behavioral Sciences*, 30, 1770–1776. <https://doi.org/10.1016/j.sbspro.2011.10.341>
- Goh, C. S., Rowlinson, S., & Su, F. (2023). Exploring Economic Impacts of Sustainable Construction Projects on Stakeholders: The Role of Integrated Project Delivery. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 15. <https://doi.org/10.1061/JLADAH.LADR-963>

- Gola, M., Dell'Ovo, M., Scalone, S., & Capolongo, S. (2022). Adaptive Reuse of Social and Healthcare Structures: The Case Study as a Research Strategy. *Sustainability*, 14(8), 4712. <https://doi.org/10.3390/su14084712>
- Gumasing, M. J., Rada, M. D., & Santiago, M. V. (2021). Application of Value Analysis and Engineering to the Design and Production of Concrete Barrier. 947–952. Scopus. <https://doi.org/10.1109/IEEM50564.2021.9672906>
- Hammes, G., De Souza, E. D., Taboada Rodriguez, C. M., Rojas Millan, R. H., & Mojica Herazo, J. C. (2020). Evaluation of the reverse logistics performance in civil construction. *Journal of Cleaner Production*, 248, 119212. <https://doi.org/10.1016/j.jclepro.2019.119212>
- Hill, R. C., & Bowen, P. A. (1997). Sustainable construction: Principles and a framework for attainment. *Construction Management and Economics*, 15(3), 223–239. <https://doi.org/10.1080/014461997372971>
- Horman, M. J., & Thomas, H. R. (2005). Role of Inventory Buffers in Construction Labor Performance. *Journal of Construction Engineering and Management*, 131(7), 834–843. [https://doi.org/10.1061/\(ASCE\)0733-9364\(2005\)131:7\(834\)](https://doi.org/10.1061/(ASCE)0733-9364(2005)131:7(834))
- Hosseini, M. R., Rameezdeen, R., Chileshe, N., & Lehmann, S. (2015). Reverse logistics in the construction industry. *Waste Management & Research: The Journal for a Sustainable Circular Economy*, 33(6), 499–514. <https://doi.org/10.1177/0734242X15584842>
- Hu, M., & Świerzawski, J. (2024). Assessing the environmental benefits of adaptive reuse in historical buildings. A case study of a life cycle assessment approach. *Sustainable Environment*, 10(1), 2375439. <https://doi.org/10.1080/27658511.2024.2375439>
- Huisman, E. R. C. M., Morales, E., Van Hoof, J., & Kort, H. S. M. (2012). Healing environment: A review of the impact of physical environmental factors on users. *Building and Environment*, 58, 70–80. <https://doi.org/10.1016/j.buildenv.2012.06.016>
- Ibrahim, M., Hanna, A., & Kievet, D. (2018). Comparative Analysis between Project Delivery Systems through Quantitative Assessment of Project Performance. *Construction Research Congress* 2018, 670–680. <https://doi.org/10.1061/9780784481271.065>

- Izmailov, A., Korneva, D., & Kozhemiakin, A. (2016). Effective Project Management with Theory of Constraints. *Procedia - Social and Behavioral Sciences*, 229, 96–103. <https://doi.org/10.1016/j.sbspro.2016.07.118>
- JaiSai, T., Reddy, H., Rajput, B., & Pralhada, R. (2025). Case Study of the Application of Rekayasa nilai to High Rise Construction. 601, 1–16. Scopus. https://doi.org/10.1007/978-981-96-4902-0_1
- Jan, S.-H., & Ho, S. P. (2006, Oktober 5). Construction Project Buffer Management in Scheduling Planning and Control. 23rd International Symposium on Automation and Robotics in Construction. <https://doi.org/10.22260/ISARC2006/0158>
- Jia, Z., Nourian, P., Luscuere, P., & Wagenaar, C. (2026). HDSS: A Hospital Design Support System architecture. *Developments in the Built Environment*, 26, 100916. <https://doi.org/10.1016/j.dibe.2026.100916>
- John, G., Clements-Croome, D., & Jeronimidis, G. (2005). Sustainable building solutions: A review of lessons from the natural world. *Building and Environment*, 40(3), 319–328. <https://doi.org/10.1016/j.buildenv.2004.05.011>
- Kaishan, L., & Huimin, L. (2017). Project Delivery System Mode Decision Based on Uncertain AHP and Fuzzy Sets. *IOP Conference Series: Earth and Environmental Science*, 100, 012161. <https://doi.org/10.1088/1755-1315/100/1/012161>
- Khalil, I., & Üzümcüoğlu, D. (2025). Preserving heritage through a novel framework for the adaptive reuse of Mediterranean earthen houses. *VITRUVIO - International Journal of Architectural Technology and Sustainability*, 10(1). <https://doi.org/10.4995/vitruvio-ijats.2025.23308>
- Khan, A. M., Alaloul, W. S., Musarat, M. A., & Fayyaz, A. M. (2025). Optimizing sustainable alternatives in rekayasa nilai Decision-Making through BIM-Integrated plugin automation for buildings. *Ain Shams Engineering Journal*, 16(6), 103373. <https://doi.org/10.1016/j.asej.2025.103373>
- Khan, H., & Khan, K. I. A. (2026). Performance evaluation of reverse logistics maturity level and its influence on construction sustainability and C&D waste reduction: Insights from Pakistan's construction sector. *Smart Construction and Sustainable Cities*, 4(1), 2. <https://doi.org/10.1007/s44268-025-00082-6>

- Khasani, R. R., & Hidayat, A. (2018). Assessment Of Bim In High-Rise Building Construction In Indonesia. 7(7).
- Kissi, E., Boateng, E. B., Adjei-Kumi, T., & Badu, E. (2017). Principal component analysis of challenges facing the implementation of rekayasa nilai in public projects in developing countries. *International Journal of Construction Management*, 17(2), 142–150. <https://doi.org/10.1080/15623599.2016.1233088>
- Kucukvar, M., & Tatari, O. (2013). Towards a triple bottom-line sustainability assessment of the U.S. construction industry. *The International Journal of Life Cycle Assessment*, 18(5), 958–972. <https://doi.org/10.1007/s11367-013-0545-9>
- Kumar, S. S., Gowrishankar, V., & Kumar, V. S. (2024). Implementation of rekayasa nilai in the construction of industrial projects. 070001. <https://doi.org/10.1063/5.0216536>
- Kyaw, K. S., Fufa, S. M., & Kraniotis, D. (2023). Adaptive reuse of industrial heritage building – comparative life cycle assessment using a case study in Norway. *IOP Conference Series: Earth and Environmental Science*, 1196(1), 012107. <https://doi.org/10.1088/1755-1315/1196/1/012107>
- Labuan, F. L., & Waty, M. (2020). Study of selecting floor cover by using the rekayasa nilai method in the housing project. *IOP Conference Series: Materials Science and Engineering*, 1007(1), 012076. <https://doi.org/10.1088/1757-899X/1007/1/012076>
- Lahdenperä, P., & Koppinen, T. (2009). Financial analysis of road project delivery systems. *Journal of Financial Management of Property and Construction*, 14(1), 61–78. <https://doi.org/10.1108/13664380910942644>
- Langston, & Ashley, C. (2008). The sustainability implications of building adaptive reuse.
- Lee, J. (2021). Indexing Model Based on Vector Normalization Available for Rekayasa nilai in Building Materials. *Applied Sciences*, 11(20), 9515. <https://doi.org/10.3390/app11209515>

- Leśniak, A., & Lendo-Siwicka, M. (2018). Rekayasa nilai method in Polish construction. *MATEC Web of Conferences*, 196, 04092. <https://doi.org/10.1051/matecconf/201819604092>
- Lewin, S. S., & Goodman, C. (2013). TRANSFORMATIVE RENEWAL AND URBAN SUSTAINABILITY. *Journal of Green Building*, 8(4), 17–38. <https://doi.org/10.3992/jgb.8.4.17>
- Li, K., Zou, Z., Zhang, Y., & Shuai, C. (2024). Assessing the spatial-temporal environmental efficiency of global construction sector. *Science of The Total Environment*, 951, 175604. <https://doi.org/10.1016/j.scitotenv.2024.175604>
- Liu, B., Huo, T., Liang, Y., Sun, Y., & Hu, X. (2016). Key Factors of Project Characteristics Affecting Project Delivery System Decision Making in the Chinese Construction Industry: Case Study Using Chinese Data Based on Rough Set Theory. *Journal of Professional Issues in Engineering Education and Practice*, 142(4), 05016003. [https://doi.org/10.1061/\(ASCE\)EI.1943-5541.0000278](https://doi.org/10.1061/(ASCE)EI.1943-5541.0000278)
- Lützkendorf, T. (2019). Sustainability in Building Construction – A Multilevel Approach. *IOP Conference Series: Earth and Environmental Science*, 290(1), 012004. <https://doi.org/10.1088/1755-1315/290/1/012004>
- Majercak, P., & Majercak, J. (2020). Using of mathematical methods in the theory of constraints in the logistics environment. 2020-September, 956–959. Scopus. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099788239&partnerID=40&md5=b3f0db572955251a32a904443aed3701>
- Makstutis, G. (2018). Design Process in Architecture: From Concept to Completion.
- Marzouk, M. M. (2011). ELECTRE III model for rekayasa nilai applications. *Automation in Construction*, 20(5), 596–600. <https://doi.org/10.1016/j.autcon.2010.11.026>
- Mohamed Mobarak, W., & Aboelmagd, Y. (2021). Types of Works in Construction Projects in Terms of Effectiveness When Applying Rekayasa nilai in Saudi Arabia. *JES. Journal of Engineering Sciences*, 0(0), 704–733. <https://doi.org/10.21608/jesaun.2021.80878.1058>

- Mohamed, R., Boyle, R., Yang, A. Y., & Tangari, J. (2017). Adaptive reuse: A review and analysis of its relationship to the 3 Es of sustainability. *Facilities*, 35(3/4), 138–154. <https://doi.org/10.1108/F-12-2014-0108>
- Moyo, C., & Emuze, F. (2023). Building a Lean House With the Theory of Constraints for Construction Operations in Zimbabwe: A Conceptual Framework. 870–881. <https://doi.org/10.24928/2023/0112>
- Munaro, M. R., Freitas, M. D. C. D., Tavares, S. F., & Bragança, L. (2021). Circular Business Models: Current State and Framework to Achieve Sustainable Buildings. *Journal of Construction Engineering and Management*, 147(12). Scopus. [https://doi.org/10.1061/\(ASCE\)CO.1943-7862.0002184](https://doi.org/10.1061/(ASCE)CO.1943-7862.0002184)
- Nakbi, A., Cherradi, T., Soulhi, A., & Lamdouar, N. (2024). Rekayasa nilai implementation in construction projects in Morocco: Awareness, benefits and challenges. *ARNP Journal of Engineering and Applied Sciences*, 1152–1164. <https://doi.org/10.59018/092445>
- Nejib, A., Abel-khalek, H., & El-fahham, Y. (2021). CORRELATION BETWEEN REKAYASA NILAI AND SUSTAINABILITY IN CONSTRUCTION IN DEVELOPING COUNTRIES. *Proceedings of International Structural Engineering and Construction*, 8. [https://doi.org/10.14455/ISEC.2021.8\(1\).OTH-03](https://doi.org/10.14455/ISEC.2021.8(1).OTH-03)
- Oke, A., Aghimien, D., Aigbavboa, C., & Musenga, C. (2019). Drivers of Sustainable Construction Practices in the Zambian Construction Industry. *Energy Procedia*, 158, 3246–3252. <https://doi.org/10.1016/j.egypro.2019.01.995>
- Oke, A. E., Aliu, J., Odia, O. A., Aigbavboa, C. O., Jamir Singh, P. S., Awuzie, B. O., & Samsurijan, M. S. (2023). A quantitative assessment of key drivers for environmental economic practices adoption for sustainable development. *Sustainable Development*, 31(5), 3579–3594. <https://doi.org/10.1002/sd.2612>
- Ortiz, O., Castells, F., & Sonnemann, G. (2009). Sustainability in the construction industry: A review of recent developments based on LCA. *Construction and Building Materials*, 23(1), 28–39. <https://doi.org/10.1016/j.conbuildmat.2007.11.012>
- Ortiz, O., Pasqualino, J. C., & Castells, F. (2010). Environmental performance of construction waste: Comparing three scenarios from a case study in Catalonia,

- Spain. Waste Management, 30(4), 646–654.
<https://doi.org/10.1016/j.wasman.2009.11.013>
- Owojori, O., & Okoro, C. (2022). Making the “Available Desirable” Using Adaptive Reuse (AR) In Sustainable Construction: A Systematic Review and Directions from case studies. Scopus. International Conference on Construction in the 21st Century. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148346449&partnerID=40&md5=5d2c7e63bd6b5328956163f7f8465ad2>
- Palmer, A., Kelly, J., & Male, S. (1996). Holistic Appraisal of Rekayasa nilai in Construction in United States. Journal of Construction Engineering and Management, 122(4), 324–328. [https://doi.org/10.1061/\(ASCE\)0733-9364\(1996\)122:4\(324\)](https://doi.org/10.1061/(ASCE)0733-9364(1996)122:4(324))
- Parsons, J. (2014). Capturing the essence: A client’s reflections on surviving the rekayasa nilai of a museum redevelopment project. Museum Management and Curatorship, 29(3), 226–240. <https://doi.org/10.1080/09647775.2014.919169>
- Patil, D. T., Patil, A., & Patil, J. (2021). The Decision-Making Criteria for Adaptive Reuse for Sustainable Development. 143 LNCE, 599–607. Scopus. https://doi.org/10.1007/978-981-33-6969-6_52
- Pushpamali, N., Agdas, D., Rose, T. M., & Yigitcanlar, T. (2021). Stakeholder perception of reverse logistics practices on supply chain performance. Business Strategy and the Environment, 30(1), 60–70. <https://doi.org/10.1002/bse.2609>
- Rahman, S. (1998). Theory of constraints: A review of the philosophy and its applications. International Journal of Operations & Production Management, 18(4), 336–355. <https://doi.org/10.1108/01443579810199720>
- Regina Mary, X., & Rathinakumar, V. (2015). Reducing construction constraints using Primavera. Indian Journal of Science and Technology, 8(14). Scopus. <https://doi.org/10.17485/ijst/2015/v8i14/65653>
- Rogers, D. S., & Tibben-Lembke, R. (2001). AN EXAMINATION OF REVERSE LOGISTICS PRACTICES. Journal of Business Logistics, 22(2), 129–148. <https://doi.org/10.1002/j.2158-1592.2001.tb00007.x>
- Romano, G., Martellucci, G., Mancini, F., & Battisti, A. (2022). Energy and Environmental Refurbishment of the Hygiene Institute within the Sapienza

- University of Rome campus. *Journal of Physics: Conference Series*, 2385(1), 012011. <https://doi.org/10.1088/1742-6596/2385/1/012011>
- Romzi, N. A., & Shu Ing, D. (2022). Key Constraint in Construction Industry: A Review. *CONSTRUCTION*, 2(2), 01–06. <https://doi.org/10.15282/construction.v2i2.7779>
- Ross, N., Bowen, P. A., & Lincoln, D. (2010). Sustainable housing for low-income communities: Lessons for South Africa in local and other developing world cases. *Construction Management and Economics*, 28(5), 433–449. <https://doi.org/10.1080/01446190903450079>
- Rumane, A. R. (Ed.). (2026). *Construction Management: Quality Tools and Techniques* (Second edition). CRC Press. <https://doi.org/10.1201/9781003636687>
- Santos, D. de G., Grosskopf, J., & Souza, A. M. (2012). UTILIZATION OF EXTRA PLANNING ACTIVITIES BY CONSTRUCTION COMPANIES IN SERGIPE, BRAZIL. Th Annual Conference of the International Group for Lean Construction.
- Savoie, É., Sapinski, J. P., & Laroche, A.-M. (2025). Key factors for revitalising heritage buildings through adaptive reuse. *Buildings & Cities*, 6(1). <https://doi.org/10.5334/bc.495>
- Sesmiwati, Utama, W. P., & Roza, F. (2016). A Critical Review of Rekayasa nilai Development in Indonesian Construction Industry.
- Shahhosseini, V., Afshar, M. R., & Amiri, O. (2018). Rekayasa nilai practices in infrastructure projects: A case study of Ilam Gas Refinery's water transmission system at Reno Mountain, Iran. *International Journal of Construction Management*, 18(5), 351–363. <https://doi.org/10.1080/15623599.2017.1326298>
- Şimşek, C. F., & Pamak, Ö. F. (2026). Designing the Future of the Past: Adaptive Re-Use in the Age of Sustainability. *Dalam Addressing Challenges and Opportunities in Architectural Sustainability* (hlm. 65–97). Scopus. <https://doi.org/10.4018/979-8-3693-9874-6.ch003>

- Şimşit, Z. T., Günay, N. S., & Vayvay, Ö. (2014). Theory of Constraints: A Literature Review. *Procedia - Social and Behavioral Sciences*, 150, 930–936. <https://doi.org/10.1016/j.sbspro.2014.09.104>
- Sudiarsa, M., Suasira, I. W., & Sudiasa, I. W. (2020). Implementation of rekayasa nilai in design building for the construction of general hospitals in Jembrana Regency. *Journal of Physics: Conference Series*, 1450(1), 012017. <https://doi.org/10.1088/1742-6596/1450/1/012017>
- Tam, V. W. Y., & Hao, J. J. L. (2019). Adaptive reuse in sustainable development. *International Journal of Construction Management*, 19(6), 509–521. Scopus. <https://doi.org/10.1080/15623599.2018.1459154>
- Tanne, Y. A., & Indrayani, N. L. A. (2023). Review of Construction Automation and Robotics Practices in Indonesian Construction State-Owned Enterprises: Position in Project Life Cycle, Gap to Best Practice and Potential Uses. *Architecture, Structures and Construction*, 3(3), 373–389. <https://doi.org/10.1007/s44150-023-00098-5>
- Tennakoon, G. A., Rameezdeen, R., & Chileshe, N. (2025). Understanding the Limited Uptake of Reprocessed Construction Materials: A Pro-Environmental Behaviour Perspective. *Sustainable Development*, 33(4), 5134–5150. <https://doi.org/10.1002/sd.3400>
- Trigunarsyah, B., & Sofyan, I. G. (2006). House keeping management as a strategy to minimize construction waste in high rise building projects. 5, 73–78. Scopus. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886676630&partnerID=40&md5=11b4cb775f5962669d60f6e792c6fe86>
- Trojanowska, J., & Dostatni, E. (2017). Application of the Theory of Constraints for Project Management. *Management and Production Engineering Review*, 8(3), 87–95. <https://doi.org/10.1515/mper-2017-0031>
- Tsai, M.-K., Yang, J.-B., & Lin, C.-Y. (2006). Synchronization-based model for improving on-site data collection performance.
- Uğural, M. N. (2023). Material Selection with Rekayasa nilai Technique—A Case Study in Construction Industry. *Tehnicki Vjesnik - Technical Gazette*, 30(1). <https://doi.org/10.17559/TV-20220201102150>

- Ulkhag, M. M., Pramono, S. N. W., Hapsari, C. A. P., & Ahmad, S. R. (2025). Rekayasa nilai Practices in Indonesia: A Systematic Literature Review. *Architecture Image Studies*, 6(3), 1368–1381. <https://doi.org/10.62754/ais.v6i3.460>
- Ulrich, R. S., Zimring, C., Zhu, X., DuBose, J., Seo, H.-B., Choi, Y.-S., Quan, X., & Joseph, A. (2008). A Review of the Research Literature on Evidence-Based Healthcare Design. *HERD: Health Environments Research & Design Journal*, 1(3), 61–125. <https://doi.org/10.1177/193758670800100306>
- Vikoriia, M., & Romanivna, B. A. (2025). Renovation of Existing Buildings for Veterinary Clinics Using Eco-Friendly and Smart Materials as a Way to Preserve Historical Heritage. Dalam *Springer Proceedings in Materials* (Vol. 70, hlm. 207–219). Scopus. https://doi.org/10.1007/978-3-031-87068-2_15
- Wahyuningrum, S. H., Wibowo, M. A., & Sardjono, A. B. (2022). Adaptive Re-use in Hospital Building for Development Efficiency, Case Study: Regular ward use for a new function of the psychiatric ward at RSUP Dr. Kariadi. *IOP Conference Series: Earth and Environmental Science*, 1058(1), 012028. <https://doi.org/10.1088/1755-1315/1058/1/012028>
- Wang, J., Shou, W., Wang, X., & Wu, P. (2016). Developing and evaluating a framework of total constraint management for improving workflow in liquefied natural gas construction. *Construction Management and Economics*, 34(12), 859–874. <https://doi.org/10.1080/01446193.2016.1227460>
- Wang, X., & Ramakrishnan, S. (2022). Introduction. Dalam *Environmental Sustainability in Building Design and Construction* (hlm. 1–23). Scopus. https://doi.org/10.1007/978-3-030-76231-5_1
- Wao, J. (2015). A review of the rekayasa nilai methodology: Limitations and solutions for sustainable construction. 1–7. Scopus. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962613088&partnerID=40&md5=2ea4330a2c6197e737031b5620bd146e>
- Wibowo, M. A., & Ammar, M. A. (2025). Lean construction and sustainability: A review of research trends and implications for the United Nations SDGs. *E3S Web of Conferences*, 605, 03048. <https://doi.org/10.1051/e3sconf/202560503048>

- Wibowo, M. A., Handayani, N. U., Mustikasari, A., Wardani, S. A., & Tjahjono, B. (2022). Reverse Logistics Performance Indicators for the Construction Sector: A Building Project Case. *Sustainability*, 14(2), 963. <https://doi.org/10.3390/su14020963>
- Winning, M., Price, J., Ekins, P., Pye, S., Glynn, J., Watson, J., & McGlade, C. (2019). Nationally Determined Contributions under the Paris Agreement and the costs of delayed action. *Climate Policy*, 19(8), 947–958. Scopus. <https://doi.org/10.1080/14693062.2019.1615858>
- Wong, L. (2016). Adaptive Reuse: Extending the Lives of Buildings. Dalam *Adaptive Reuse: Extending the Lives of Buildings* (hlm. 256). <https://doi.org/10.1515/9783038213130>
- Wu, Z., Yu, A. T. W., Shen, L., & Liu, G. (2014). Quantifying construction and demolition waste: An analytical review. *Waste Management*, 34(9), 1683–1692. <https://doi.org/10.1016/j.wasman.2014.05.010>
- Xu, B. (2009). Application Research on the Investment Control of Construction Project with Rekayasa nilai at Design Stage. 2009 International Conference on Information Management, Innovation Management and Industrial Engineering, 411–414. <https://doi.org/10.1109/ICIII.2009.408>
- Yanita, R., & Mochtar, K. (2021). Legal aspect of rekayasa nilai implementation in Jakarta (Indonesia) construction projects. *International Journal of Construction Management*, 21(2), 131–139. <https://doi.org/10.1080/15623599.2018.1511946>
- Yuliani, S., Winarto, Y., Hardiana, A., Sumadyo, A., Lake, R. C., & Ekawati, J. (2025). Retrofit of green architecture through adaptive reuse of heritage buildings in sustainable tourism management. *Journal of Asian Architecture and Building Engineering*, 24(6), 4758–4770. <https://doi.org/10.1080/13467581.2024.2421232>
- Yung, E. H. K., & Chan, E. H. W. (2012). Implementation challenges to the adaptive reuse of heritage buildings: Towards the goals of sustainable, low carbon cities. *Habitat International*, 36(3), 352–361. <https://doi.org/10.1016/j.habitatint.2011.11.001>

- Zhang, X., Mao, X., & AbouRizk, S. M. (2009). Developing a knowledge management system for improved rekayasa nilai practices in the construction industry. *Automation in Construction*, 18(6), 777–789. <https://doi.org/10.1016/j.autcon.2009.03.004>
- Zieleniewska, J., Matuszewska, M., & Pruszewicz-Sipińska, E. (2026). Future of Polish Hospital Emergency Departments: Architectural Strategies for Technological and Socio-Demographic Change in the Post-Pandemic Era. *Buildings*, 16(4), 800. <https://doi.org/10.3390/buildings16040800>