

DAFTAR PUSTAKA

- Aira, A. (2014). Peran Manajemen Aset Dalam Pembangunan Daerah. *Jurnal Penelitian Social Keagamaan, Vol.17*, 21–39.
- Alyami, Z., & Tighe, S. (2018). *Incorporating Asset Value in Life Cycle Cost Analysis for Transportation Infrastructure Assets*.
- Ayu, K., & Yunusa-Kaltungo, A. (2020). A Holistic Framework for Supporting Maintenance and Asset Management Life Cycle Decisions for Power Systems. *Energies, 13*, 1937. <https://doi.org/10.3390/en13081937>
- Barringer, H. (2003). *A Life Cycle Cost Summary*.
- Barringer, H. P., & Weber, D. P. (1996). *Life Cycle Cost Tutorial*.
- Carlos Paletta, F., Dias, N., & Junior, V. (2008). Information technology and communication and best practices in it lifecycle management. *J. Technol. Manag. Innov, 3*(4). <http://www.jotmi.org>
- da Silva, R. F., & de Souza, G. F. M. (2021). Modeling a maintenance management framework for asset management based on ISO 55000 series guidelines. *Journal of Quality in Maintenance Engineering, ahead-of-print*(ahead-of-print). <https://doi.org/10.1108/JQME-08-2020-0082>
- da Silva, R. F., Melani, A. H. de A., Michalski, M. A. de C., Souza, G. F. M. de, & Nabeta, S. I. (2024). Risk Management of Physical Assets Supported by Maintenance Performance Indicators. *Sustainability, 16*(14), 6132. <https://doi.org/10.3390/su16146132>
- Dananjaya, R. (2021). Analisis Manajemen Aset dan Life Cycle Cost Gedung Kantor: Studi pada PLN Unit Induk Transmisi Jawa Bagian Timur dan Bali. In *Modul Biokimia Materi Metabolisme Lemak, Daur Asam Sitrat, Fosforilasi Oksidatif Dan Jalur Pentosa Fosfat*.
- Darvish Sarvestani, A., Moazami Goodarzi, A., & Hadipour, A. (2019). Integrated asset management: a case study of technical and economic optimization of surface and well facilities. *Petroleum Science, 16*(5), 1221–1236. <https://doi.org/10.1007/s12182-019-00356-6>
- Davis, R. (2010). *An Introduction to Asset Management: Vol. Chapter 1*. blah d blah design ltd. www.eatechnology.com
- de Brito, J., & Silva, A. (2020). Life cycle prediction and maintenance of buildings. *Buildings, 10*(6), 1–5. <https://doi.org/10.3390/buildings10060112>
- de Leeuw, V. (2007). *Plant Asset Management Best Practices for the Process*

Industries. <https://www.researchgate.net/publication/238773363>

- Diamantina, Z. K. (2016). Pendekatan Life Cycle Asset Management Model untuk Meningkatkan Kualitas Laporan Barang Milik Negara (Studi Kasus pada Kementerian Kehutanan). In *Jakarta: Universitas Indonesia*. Universitas Indonesia.
- Diba, N. (2020). Analisis Biaya Siklus Hidup Aset Di Pt Pjb Unit Pembangkit Gresik. In *Departemen Teknik Sistem dan Industri Fakultas Teknologi Industri dan Rekayasa Sistem Institut Teknologi Sepuluh Nopember*.
- Dorling, K., Messier, G. G., Valentin, S., & Magierowski, S. (2015). Minimizing the Net Present Cost of Deploying and Operating Wireless Sensor Networks. *IEEE Transactions on Network and Service Management*, 12(3), 511–525. <https://doi.org/10.1109/TNSM.2015.2464071>
- Duran, O., Orellana, F., Perez, P., & Hidalgo, T. (2020). Incorporating an Asset Health Index into a Life Cycle Costing: A Proposition and Study Case. *Mathematics*, 8, 1787. <https://doi.org/10.3390/math8101787>
- Effendi, I. (2004). *Pengantar Akuakultur*. Penebar Swadaya.
- Farinha, J. T., Raposo, H. D. N., de-Almeida-e-Pais, J. E., & Mendes, M. (2023). Physical Asset Life Cycle Evaluation Models—A Comparative Analysis towards Sustainability. *Sustainability (Switzerland)*, 15(22), 1–23. <https://doi.org/10.3390/su152215754>
- Feinstein, C. D., & Morris, P. A. (2010). The role of uncertainty in asset management. *2010 IEEE PES Transmission and Distribution Conference and Exposition: Smart Solutions for a Changing World*, 1–6. <https://doi.org/10.1109/TDC.2010.5484501>
- Fuller, S. K., & Petersen, S. R. (1995). *Life Cycle Costing Manual for the Federal Energy Management Program. NIST Handbook 135*.
- Gavrikova, E., Volkova, I., & Burda, Y. (2020). Strategic aspects of asset management: An overview of current research. *Sustainability (Switzerland)*, 12(15), 9–11. <https://doi.org/10.3390/su12155955>
- Gavrikova, E., Volkova, I., & Burda, Y. (2022). Implementing asset data management in power companies. *International Journal of Quality & Reliability Management*, 39(2), 588–611. <https://doi.org/10.1108/IJQRM-10-2020-0346>
- Giglio, J. M., Friar, J. H., & Crittenden, W. F. (2018). Integrating lifecycle asset management in the public sector. *Business Horizons*, 61(4), 511–519. <https://doi.org/https://doi.org/10.1016/j.bushor.2018.03.005>

- Gomes, F., Michaelides, A., Attanasio, O., Bansal, R., Brennan, M., Cocco, J., Collin-Dufresne, P., Davis, S., Dynan, K., Dupor, B., Forni, L., Gomes, J., Green, R., Guiso, L., Haliassos, M., Hollifield, B., Jermann, U., Lucas, D., Maenhout, P., ... Zhang, H. (2005). *Optimal Life-Cycle Asset Allocation: Understanding the Empirical Evidence: Vol. LX* (Issue 2).
- Gote, M., Neumann, J., Bauer, M., & Horch, A. (2008). *Trends in Operations und Plant Asset Management – ein Diskussionsbeitrag* (p. S. 48-54). www.atp-online.de
- Grieb, H., Linzenkirchner, E., & Theilmann, D. B. (2005). Increased Plant Efficiency by Online Plant Asset Management. *IFAC Proceedings Volumes*, 38(1), 118–122. <https://doi.org/https://doi.org/10.3182/20050703-6-CZ-1902.01538>
- Haffejee, M., & Brent, A. (2008). Evaluation of an integrated asset life-cycle management(ALCM) model and assessment of practices in the water utility sector. *Water SA*, 34. <https://doi.org/10.4314/wsa.v34i2.183651>
- Hajare, A., & Elwakil, E. (2020). Integration of life cycle cost analysis and energy simulation for building energy-efficient strategies assessment. *Sustainable Cities and Society*, 61, 102293. <https://doi.org/https://doi.org/10.1016/j.scs.2020.102293>
- Hanafy, M. M., & Halim, A. (2018). *Analisis Laporan Keuangan: Vol. Dua* (Kelima). UPP STIM YKPN.
- Harnanto. (2002). *Akuntansi Keuangan Menengah* (3rd ed., Vol. 1). BPFE.
- Harris, R. (2008). Asset Management: Water Professionals Tackle Asset Management. *Opflow*, 34(2), 10. <http://www.jstor.org.proxy.undip.ac.id:2048/stable/opflow.34.2.10>
- Hasan, W. A. (2019). Sistem Pengelolaan Aset Tetap Pada Sekretariat Daerah Kabupaten Buton. *Jurnal Ilmiah Akuntansi Manajemen*, 2(1), 27–38. <https://doi.org/10.35326/jiam.v2i1.252>
- Hastings, N. A. J. (2021a). ISO 55000 Series Standards. In N. A. J. Hastings (Ed.), *Physical Asset Management: With an Introduction to the ISO 55000 Series of Standards* (pp. 595–621). Springer International Publishing. https://doi.org/10.1007/978-3-030-62836-9_29
- Hastings, N. A. J. (2021b). Life Cycle Planning and Costing. In N. A. J. Hastings (Ed.), *Physical Asset Management: With an Introduction to the ISO 55000 Series of Standards* (pp. 169–185). Springer International Publishing. https://doi.org/10.1007/978-3-030-62836-9_8
- Hastings, N. A. J. (2021c). Physical Asset Management. In *Physical Asset*

Management. <https://doi.org/10.1007/978-3-030-62836-9>

- Hastings, N. A. J. (2021d). Strategic Asset Management Planning. In N. A. J. Hastings (Ed.), *Physical Asset Management: With an Introduction to the ISO 55000 Series of Standards* (pp. 219–239). Springer International Publishing. https://doi.org/10.1007/978-3-030-62836-9_11
- Heralova, R. S. (2017). Life Cycle Costing as an Important Contribution to Feasibility Study in Construction Projects. *Procedia Engineering*, 196, 565–570. <https://doi.org/https://doi.org/10.1016/j.proeng.2017.08.031>
- Hinrichs, M., Prifti, L., & Schneegass, S. (2024). Data-driven decision-making in maintenance management and coordination throughout the asset life cycle: an empirical study. *Journal of Quality in Maintenance Engineering*, 30(1), 202–220. <https://doi.org/10.1108/JQME-04-2023-0038>
- Hu, Z., Petoukhov, S. V., & He, M. (n.d.). *Advances in Intelligent Systems and Computing 902 Advances in Artificial Systems for Medicine and Education II*. <http://www.springer.com/series/11156>
- Jati, D. (2022). Life Cycle Cost Analysis Pada Aset Milik Negara (Studi pada Terminal Bus Tipe A Dhaksinarga). *Jurnal Manajemen Aset Dan Penilaian*, 2(2), 84–91.
- Kambanou, M. L. (2020). Life Cycle Costing: Understanding How It Is Practised and Its Relationship to Life Cycle Management-A Case Study. *Sustainability (Switzerland)*, 12(8), 3252. <https://doi.org/10.3390/SU12083252>
- Kauer, R., Jovanovic, A., Angelsen, S., & Vage, G. (2004). Plant asset management rimap (risk-based inspection and maintenance for european industries) the european approach. *American Society of Mechanical Engineers, Pressure Vessels and Piping Division (Publication) PVP*, 488, 183–192. <https://doi.org/10.1115/PVP2004-3020>
- Kerdlap, P., & Cornago, S. (2021). *Life Cycle Costing: Methodology and Applications in a Circular Economy BT - An Introduction to Circular Economy* (L. Liu & S. Ramakrishna (eds.); pp. 499–525). Springer Singapore. https://doi.org/10.1007/978-981-15-8510-4_25
- Khalyasmaa, A., & Dronova, Y. V. (2020). Risk-Based Management as a Tool for Utilities Plant Assets Management. *2020 10th International Conference on Power and Energy Systems (ICPES)*, 439–444. <https://doi.org/10.1109/ICPES51309.2020.9349658>
- Khalyasmaa, A., & Zinovieva, E. (2020). Analysis of Russian experience in utilities' plant assets management. *Proceedings of the 2020 Ural Smart Energy Conference, USEC 2020*, 185–188.

<https://doi.org/10.1109/USEC50097.2020.9281238>

- Kneifel, J., & Webb, D. (2020). *Life Cycle Cost Manual for the Federal Energy Management Program*. <https://doi.org/10.6028/NIST.HB.135-2020>
- Komljenovic, D., Abdul-Nour, G., & Popovic, N. (2015). An approach for strategic planning and asset management in the mining industry in the context of business and operational complexity. *International Journal of Mining and Mineral Engineering*, 6(4), 338–360. <https://doi.org/10.1504/IJMME.2015.073047>
- Kongezos, V., & Jellum, E. (2012). Industrial asset management strategies for the oil & gas sector. *IET & IAM Asset Management Conference 2012*, 1–6. <https://doi.org/10.1049/cp.2012.1922>
- Kooymans, R., & Abbott, J. (2006). Developing an effective service life asset management and valuation model. *Journal of Corporate Real Estate*, 8, 198–212. <https://doi.org/10.1108/14630010610714871>
- Krisnanda, S. (2020). Implementasi Life Cycle Cost Pada Gedung Bank Mandiri Syariah Yogyakarta. *FROPIL (Forum Profesional Teknik Sipil)*, 8, 46–55. <https://doi.org/10.33019/fropil.v8i1.1780>
- Krugler, P., Chang-Albitres, C. M., Pickett, K. W., Smith, R. E., Hicks, I. V., Feldman, R. M., Butenko, S., Hun Kang, D., & Guikema, S. D. (2006). *Asset Management Literature Review and Potential Applications of Simulation, Optimization, and Decision Analysis Techniques for Right-of-Way and Transportation Planning and Programming*. <http://www.ntis.gov>
- Labuschagne, C., & Brent, A. C. (2005). Sustainable Project Life Cycle Management: The need to integrate life cycles in the manufacturing sector. *International Journal of Project Management*, 23(2), 159–168. <https://doi.org/10.1016/j.ijproman.2004.06.003>
- Lee, W. B., Moh, S.-Y., & Choi, H.-J. (2012). Plant Asset Management Today and Tomorrow. In J. Mathew, L. Ma, A. Tan, M. Weijnen, & J. Lee (Eds.), *Engineering Asset Management and Infrastructure Sustainability* (pp. 1–17). Springer London.
- Lefton, S. A., Besuner, P. M., & Grimsrud, G. P. (1995). Managing utility power plant assets to economically optimize power plant cycling costs, life, and reliability. *Proceedings of International Conference on Control Applications*, 195–208. <https://doi.org/10.1109/CCA.1995.555681>
- Maletič, D., Maletič, M., Al-Najjar, B., & Gomišček, B. (2018). Development of a model linking physical asset management to sustainability performance: An empirical research. *Sustainability (Switzerland)*, 10(12).

<https://doi.org/10.3390/su10124759>

- Maletič, D., Maletič, M., Al-Najjar, B., & Gomišček, B. (2020). An analysis of physical asset management core practices and their influence on operational performance. *Sustainability (Switzerland)*, *12*(21), 1–20. <https://doi.org/10.3390/su12219097>
- Maletič, D., Pačaiová, H., Nagyová, A., & Maletič, M. (2020). The link between asset risk management and maintenance performance: a study of industrial manufacturing companies. *Quality Innovation Prosperity*, *24*(3), 50–69. <https://doi.org/10.12776/QIP.V24I3.1477>
- Mendes, C., Raposo, H., Ferraz, R., & Farinha, J. T. (2023). The Economic Management of Physical Assets: The Practical Case of an Urban Passenger Transport Company in Portugal. *Sustainability (Switzerland)*, *15*(15). <https://doi.org/10.3390/su151511492>
- Mertens, M., & Epple, U. (2009). Plant asset management functions driven by property models. *2009 IEEE Conference on Emerging Technologies & Factory Automation*, 1–8. <https://doi.org/10.1109/ETF.A.2009.5347057>
- Mohd Fuzi, N., Habidin, N. F., Janudin, S. E., Ong, S. Y. Y., & Ku Bahador, K. M. (2019). Environmental management accounting practices and organizational performance: the mediating effect of information system. *Measuring Business Excellence*, *23*(4), 411–425. <https://doi.org/10.1108/MBE-12-2018-0109>
- Müller, J., Epple, U., Wollschlaeger, M., & Diedrich, C. (2003). An efficient information server for advanced plant asset management. *IEEE International Conference on Emerging Technologies and Factory Automation, ETF.A*, *2*(January), 66–73. <https://doi.org/10.1109/ETF.A.2003.1248671>
- Munir, M., Kiviniemi, A., & Jones, S. W. (2019). Business value of integrated BIM-based asset management. *Engineering, Construction and Architectural Management*, *26*(6), 1171–1191. <https://doi.org/10.1108/ECAM-03-2018-0105>
- Munir, M., Kiviniemi, A., Jones, S. W., & Finnegan, S. (2020). The business value of BIM for asset owners: a cross-case analysis. *Journal of Facilities Management*, *18*(5), 469–486. <https://doi.org/10.1108/JFM-06-2020-0037>
- NORINDER, J. (2011). How to properly apply a plant asset management strategy. *Hydrocarbon Processing*, *90*(4), 115–117. <https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=asn&AN=60039828&site=ehost-live&scope=site>
- Ouertani, M., Parlikad, A. K., & Mcfarlane, D. (2008). Towards an approach to

- Select an Asset Information Management Strategy. *International Journal of Computer Science and Applications*, 5, 25–44.
- Phelps, A. (2010). Rationale, practice and outcomes in municipal property asset management. *Journal of Corporate Real Estate*, 12(3), 157–174.
<https://doi.org/10.1108/14630011011074768>
- Rasmussen Bently, J. R., & Llc, N. (2003). *A Plant Asset Management System for Hydroelectric Turbine/Generators*. 25–25.
<https://www.academia.edu/16464297/APLANTASSETMANAGEMENTSYSTEMFORHYDROGENERATORS>
- Roda, I., & Garetti, M. (2015). Application of a Performance-driven Total Cost of Ownership (TCO) Evaluation Model for Physical Asset Management. *Lecture Notes in Control and Information Sciences*, 20, 11–23.
https://doi.org/10.1007/978-3-319-15536-4_2
- Schraven, D., Hartmann, A., & Dewulf, G. (2011). Effectiveness of infrastructure asset management: challenges for public agencies. *Built Environment Project and Asset Management*, 1(1), 61–74.
<https://doi.org/10.1108/20441241111143786>
- Schuman, C. A., & Brent, A. C. (2005). Asset life cycle management: Towards improving physical asset performance in the process industry. *International Journal of Operations and Production Management*, 25(6), 566–579.
<https://doi.org/10.1108/01443570510599728>
- Sereiko, P. (2009, February). *Enhancing Plant Asset Management with Wireless Retrofits*. Power; Access Intelligence LLC.
<https://www.powermag.com/enhancing-plant-asset-management-with-wireless-retrofits/>
- Shang, Y. C., Leung, P., & Ling, B.-H. (1998). Comparative economics of shrimp farming in Asia. In *Aquaculture* (Vol. 164).
- Sitohang, S. (2019, June). *Analisis Akuntansi Aset Tetap pada PT. Perindustrian dan Perdagangan Bangkinang*. Universitas Islam Riau.
- Victoria Department of the Treasury and Finance. (2019). *Asset Management Accountability Framework*. Department of Treasury and Finance.
- Wahyuni, S., & Rifki Khoirudin, Me. (2020). *Pengantar Manajemen Aset* (A. Prasetya & M. Alim (eds.); Satu). CV. Nas Media Pustaka.
www.nasmediapustaka.co.id nasmedia.id
- Wang, S. (1999). An object-oriented approach to plant configuration management information systems analysis. *Industrial Management & Data Systems*, 99(4), 159–167. <https://doi.org/10.1108/02635579910249585>

- Weerasekara, S., Lu, Z., Ozek, B., Isaacs, J., & Kamarthi, S. (2022). Trends in Adopting Industry 4.0 for Asset Life Cycle Management for Sustainability: A Keyword Co-Occurrence Network Review and Analysis. *Sustainability*, *14*, 12233. <https://doi.org/10.3390/su141912233>
- Weerasinghe, A. S., Ramachandra, T., & Rotimi, J. O. B. (2021). Comparative life-cycle cost (LCC) study of green and traditional industrial buildings in Sri Lanka. *Energy and Buildings*, *234*, 110732. <https://doi.org/https://doi.org/10.1016/j.enbuild.2021.110732>
- Wright, T. L. (2005). Plant asset management requiring new solutions for broader capabilities. *Hydrocarbon Processing*, *84*(10), 23. <https://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=asn&AN=18628590&site=ehost-live&scope=site>
- Wu, D. D., & Olson, D. (2010). Enterprise risk management: A DEA VaR approach in vendor selection. *International Journal of Production Research*, *48*(16), 4919–4932. <https://doi.org/10.1080/00207540903051684>
- Yulianto, D. T., Isman, R. M., Ihsan, S. N., & Susanto, H. G. (2021). Implementing Risk-Based Maintenance Strategies for Distributed Control System as Power Plant Asset Management. *IOP Conference Series: Materials Science and Engineering*, *1096*(1), 012108. <https://doi.org/10.1088/1757-899x/1096/1/012108>
- Yuniati, D. (2020). Analisis Pengelolaan Aset Tetap dengan Pendekatan Asset Life Cycle Management pada Pemerintah Kota Surakarta. *ABIS: Accounting and Business Information Systems Journal*, *7*. <https://doi.org/10.22146/abis.v7i4.58857>
- Zabielski, J., & Zabielska, I. (2018). *Life Cycle of a Building (LCC) in the Investment Process - Case Study*. <https://doi.org/10.1109/BGC-Geomatics.2018.00055>
- Zhang, T., El-Akruti, K., Dwight, R., & Al-Marsumi, M. (2013). *The role of life cycle cost in engineering asset management*. <https://doi.org/10.13140/2.1.5087.5525>