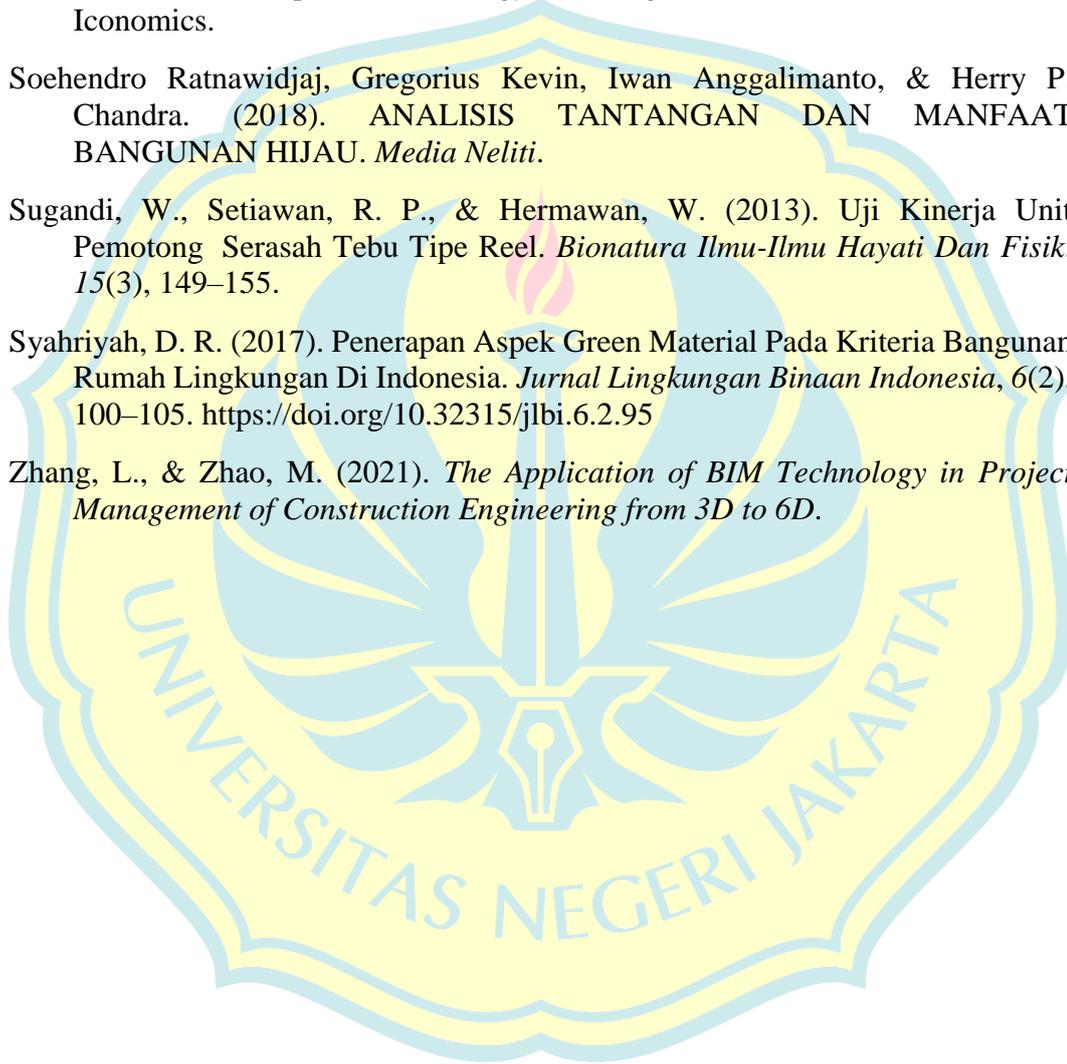


## DAFTAR PUSTAKA

- Abouhamad, M., & Abu-Hamd, M. (2021). Life Cycle Assessment Framework for Embodied Environmental Impacts of Building Construction Systems. *Sustainability*, 13(2), 461. <https://doi.org/10.3390/su13020461>
- Adeis Trisa Pihawiano, Subrata Aditama, Lendra, & Waluyo Nuswantoro. (2024). Analisis Emisi Karbon Pada Material Bangunan Gedung Tujuh Lantai dengan Metode BIM. *Jurnal Serambi Engineering*, 9(1), 8229–8236.
- ALFI, & CHOIRUL MULTAZAM. (2023). *ASESMEN SEKOLAH DI KOTA BANDAR LAMPUNG MENGGUNAKAN RATING TOOLS SEKOLAH HIJAU KATEGORI EKE* [UIN Raden Intan]. <https://repository.radenintan.ac.id/id/eprint/29856>
- Arenas, N. F., & Shafique, M. (2024). Reducing embodied carbon emissions of buildings – a key consideration to meet the net zero target. *Sustainable Futures*, 7. <https://doi.org/10.1016/j.sftr.2024.100166>
- Barbhuiya, S., & Das, B. B. (2023). Life Cycle Assessment of construction materials: Methodologies, applications and future directions for sustainable decision-making. *Case Studies in Construction Materials*, 19, e02326. <https://doi.org/10.1016/j.cscm.2023.e02326>
- Borkowski A. J. (2023). Energy-efficient solutions for single-family houses based on energy analyses in BIM 6D models. *Model Analityczny w Technologii BIM*, 80–90.
- Ervianto, W. I. (2015). *Pengembangan Model Assessment Green Construction Pada Proses Konstruksi Untuk Proyek Gedung di Indonesia*. Intitut Teknologi Bandung.
- Faqi Fesyaputri Arndarnijariah, & Cahyo Dita Saputro. (2021). ANALISIS PENILAIAN KINERJA GREEN BUILDING PADA PROYEK REHABILITASI BANGUNAN PASAR PRAWIROTAMAN KOTA YOGYAKARTA . *Eprints UTY*.
- Giesekam, J., Barrett, J., Taylor, P., & Owen, A. (2014). The greenhouse gas emissions and mitigation options for materials used in UK construction. *Energy and Buildings*, 78, 202–214. <https://doi.org/10.1016/j.enbuild.2014.04.035>
- Habib, H. M., & Kadhim R., E. (2020). Employ 6D-BIM Model Features for Buildings Sustainability Assessment. *IOP Conference Series: Materials Science and Engineering*, 901(1). <https://doi.org/10.1088/1757-899X/901/1/012021>
- Hussein, A. (2020). *Utilizing Life Cycle Assessment (LCA) during Building design using Building Information Modelling (BIM) Case studies from Finland [Helsinki Metropolia]*. [www.skanska.fi](http://www.skanska.fi)

- Iddon, C. R., & Firth, S. K. (2013). Embodied and operational energy for new-build housing: A case study of construction methods in the UK. *Energy and Buildings*, 67, 479–488. <https://doi.org/10.1016/j.enbuild.2013.08.041>
- Jing, W., & Alias, A. H. (2024). Key Factors for Building Information Modelling Implementation in the Context of Environmental, Social, and Governance and Sustainable Development Goals Integration: A Systematic Literature Review. *Sustainability (Switzerland)*, 16(21). <https://doi.org/10.3390/su16219504>
- Kaewunruen, S., Sresakoolchai, J., & Zhou, Z. (2020). Sustainability-based lifecycle management for bridge infrastructure using 6D BIM. *Sustainability (Switzerland)*, 12(6). <https://doi.org/10.3390/su12062436>
- Lehne, J., & Preston, F. (2018). *Chatham House Report Making Concrete Change Innovation in Low-carbon Cement and Concrete #ConcreteChange*. [www.chathamhouse.org](http://www.chathamhouse.org)
- Li, L., Gao, L., Zhang, X., Xu, H., & Jiang, L. (2025). Research on Building's Carbon Emission Calculation and Reduction Strategy Based on Life Cycle Assessment (LCA) and Building Information Modeling (BIM): A Case Study in Beijing, China. *MDPI*, 15(9). <https://doi.org/10.3390/buildings15091403>
- Lindsey R. (2023). *Climate Change: Atmospheric Carbon Dioxide*. Climate.Gov.
- Mahmud, A. B., Rosli, H. Bin, & Hassan, N. B. (2024). Assessing the Impact of Regulatory Frameworks on the Success of Green Building Projects in Singapore. *Frontiers in Management Science*, 3(2), 58–66. <https://doi.org/10.56397/fms.2024.04.07>
- Ming Hu, & Siavash Ghorbany. (2025). Beyond Operational Energy Efficiency: The Urgent Need for Embodied Carbon Regulation in the U.S. *ACS Publication*. <https://doi.org/10.1021/acsenergylett.5c01443>
- Mirzaie, S., Thuring, M., & Allacker, K. (2020). End-of-life modelling of buildings to support more informed decisions towards achieving circular economy targets. *International Journal of Life Cycle Assessment*, 25(11), 2122–2139. <https://doi.org/10.1007/s11367-020-01807-8>
- Munawir .R. (2021). *Melawan Dampak Perubahan Iklim Dengan Penerapan Teknologi Building Information Modelling/ BIM*. Direktorat Jendral Bina Konstruksi PUPR.
- Nigel Preece, C., Tariq Shafiq, M., Maznah Mat Isa, C., Imam Syed, Z., & Golizadez, H. (2016). *Towards BIM Enabled Sustainable Urban Developments in the UAE Towards BIM Enabled Sustainable Urban Developments in the UAE*. <https://www.researchgate.net/publication/319059824>
- Nigel Preece Tunku Abdul Rahman, C., Tariq Shafiq, M., Maznah Mat Isa, C., et al, P., Nigel Preece, C., Imam Syed, Z., & Golizadez, H. (2016). *Towards BIM Enabled Sustainable Urban Developments in the UAE Towards BIM Enabled Sustainable Urban Developments in the UAE*. <https://www.researchgate.net/publication/319059824>

- Röck, M., Saade, M. R. M., Balouktsi, M., Rasmussen, F. N., Birgisdottir, H., Frischknecht, R., Habert, G., Lützkendorf, T., & Passer, A. (2020). Embodied GHG emissions of buildings – The hidden challenge for effective climate change mitigation. *Applied Energy*, 258. <https://doi.org/10.1016/j.apenergy.2019.114107>
- Rommy Yudhistira. (2024, October 2). *Wisma BCA Foresta Terima Sertifikat Green Mark Super Low Energy Building, Pertama di Indonesia*. The Economics.
- Soehendro Ratnawidjaj, Gregorius Kevin, Iwan Anggalimanto, & Herry P. Chandra. (2018). ANALISIS TANTANGAN DAN MANFAAT BANGUNAN HIJAU. *Media Neliti*.
- Sugandi, W., Setiawan, R. P., & Hermawan, W. (2013). Uji Kinerja Unit Pemotong Serasah Tebu Tipe Reel. *Bionatura Ilmu-Ilmu Hayati Dan Fisik*, 15(3), 149–155.
- Syahriyah, D. R. (2017). Penerapan Aspek Green Material Pada Kriteria Bangunan Rumah Lingkungan Di Indonesia. *Jurnal Lingkungan Binaan Indonesia*, 6(2), 100–105. <https://doi.org/10.32315/jlbi.6.2.95>
- Zhang, L., & Zhao, M. (2021). *The Application of BIM Technology in Project Management of Construction Engineering from 3D to 6D*.



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