



DAFTAR PUSTAKA

Jurnal

- M. A. Rizwan, Y.C. Dennis Leung, dan Chunho Liu. 2008. "A Review on the Generation, Determination and Mitigation of Urban Heat Island." *Journal of Environmental Sciences* 20 (1): 120–128.
- Whitford, V., A.R. Ennos, dan J.F. Handley. 2001. "City Form and Natural Process—Indicators for the Ecological Performance of Urban Areas and Their Application to Merseyside, UK." *Landscape and Urban Planning* 57 (2): 91–103.
- Santamouris, M., C. Cartalis, A. Synnefa, dan D. Kolokotsa. 2015. "On the Impact of Urban Heat Island and Global Warming on the Power Demand and Electricity Consumption of Buildings—A Review." *Energy and Buildings* 98: 119–.
- Madlener, Reinhard, dan Yasin Sunak. 2011. "Impacts of Urbanization on Urban Structures and Energy Demand: What Can We Learn for Urban Energy Planning and Urbanization Management?" *Sustainable Cities and Society* 1 (1): 45–53.
- Lee, G., Avelina N., Rim, D., Chi, S., dan Ahn, H. 2023. "Systematic Review of Carbon-Neutral Building Technologies (CNBTs) by Climate Groups and Building Types." *Journal of Building Engineering* 78: 107627.
- Zhang, S.-C., X.-Y. Yang, W. Xu, dan Y.-J. Fu. 2021. "Contribution of Nearly-Zero Energy Buildings Standards Enforcement to Achieve Carbon Neutral in Urban Area by 2060." *Advances in Climate Change Research* 12 (5): 734–743.
- Liang, R., X. Zheng, P.-H. Wang, J. Liang, dan L. Hu. 2023. "Research Progress of Carbon-Neutral Design for Buildings." *Energies* 16 (16): 5929.
- Chen, L., Y. Hu, R. Wang, dkk. "Green Building Practices to Integrate Renewable Energy in the Construction Sector: A Review." *Environmental Chemistry Letters* 22: 751–784.
- Ikaputra, L. 2024. "Toward Sustainable Construction Using Wood Material". *International Journal of Environment, Architecture, and Societies* 04(2): 77–90.
- Yadav, R., dan J. Kumar. 2022. "Engineered Wood Products as a Sustainable Construction Material: A Review." *IntechOpen*.
- Häkkinen, T., dan K. Belloni. 2011. "Barriers and Drivers for Sustainable Building." *Building Research & Information* 39 (3): 320–330.
- Yadav, M., dan A. Mathur. 2021. "Bamboo as a Sustainable Material in the Construction Industry: An Overview." *Materials Today: Proceedings* 43 (5): 2872–2876.
- Ko, C. H., N. F. Pan, dan C. C. Chiou. 2011. "Web-Based Radio Frequency Identification Facility Management Systems." *Structure and Infrastructure Engineering* 9 (5): 465–480.
- Ghadi, Y. Y., M. G. Rasul, dan M. M. K. Khan. 2016. "Design and Development of Advanced Fuzzy Logic Controllers in Smart Buildings for Institutional Buildings in Subtropical Queensland." *Renewable and Sustainable Energy Reviews* 54: 738–744.
- Liu, L., D. Wu, J. Chen, dan X. Wang. 2024. "Application of Intelligent Building Management System in Green Zero Carbon Building Operation." *Smart Systems and Green Energy* (2024). Clausius Scientific Press, Canada.
- Martín-Mariscal, A., dan L. Fernández-Valderrama Aparicio. 2024. "Collective Creativity and Complexity in Urban Laboratories: El Campo de Cebada."
- Kamm, M. A. A., N. Faber, J. B. Jonker, dan N. Faber. 2015. "Crafting Collaboration: A Conceptual Exploration of Strategizing by Constituents in HUBs."
- Dubey, A., dan S. Yadav. 2024. "Basics of Internet of Things." *Indian Scientific Journal of Research in Engineering and Management* 08 (10): 1–6.



- Oroos, A., dan A. Chaudhary. 2024. "Fundamental Concepts of IoT." 42–69.
- Roberts, Matthew, Stephen Allen, dan David Coley. 2020. "Life Cycle Assessment in the Building Design Process—A Systematic Literature Review." *Building and Environment* 185: 107274.
- Mostafavi, Fatemeh, Mohammad Tahsildoost, dan ZahraSadat Zomorodian. 2021. "Energy Efficiency and Carbon Emission in High-Rise Buildings: A Review (2005-2020)." *Building and Environment* 206: 108329.

Artikel

- Cayetano, F. 2024. "Carbon-Neutral Architecture: Why It Matters to Developers." *ButterflyMX*. <https://butterflymx.com/>. Diakses pada 21 November 2024.
- Rechkemmer, J. 2024. "Placemaking in Architecture: Definition and Best Practices." *Neumann Monson Architects*. <https://neumannmonson.com/>. Diakses pada 7 Januari 2025.
- Moreira, S. 2021. "What Is Placemaking?" *ArchDaily*.
<https://www.archdaily.com/961333/what-is-placemaking>. Diakses pada 7 Januari 2025.

Regulasi

- Undang-Undang No. 26 Tahun 2007 tentang Penataan Ruang
Rencana Tata Ruang Wilayah (RTRW) DKI Jakarta 2030
Peraturan Gubernur No. 31 Tahun 2022 tentang Rencana Detail Tata Ruang Wilayah
Perencanaan Provinsi DKI Jakarta

Web

- "ZCB: Zero Carbon Building." *ArchDaily*. Diakses 12 Oktober 2024.
<<https://www.archdaily.com/282880/zcb-zero-carbon-building-ronald-lu-and-partners>>
- "Centre for Interactive Research on Sustainability." *ArchDaily*. Diakses 12 Oktober 2024.
<<https://www.archdaily.com/343442/centre-for-interactive-research-on-sustainability-perkins-will>>
- "Heat Island Effect / Environmental Protection Agency (EPA)" Agustus 2024.
Environmental Protection Agency (EPA). Diakses 15 Oktober 2024.
<<https://www.epa.gov/heatislands/learn-about-heat-islands>>
- "High Performance Building Envelope". *The Constructor*. Diakses 21 November 2024
<<https://theconstructor.org/building/high-performance-building-envelope/563815/>>
- "Energy Efficiency in Buildings – A Comprehensive Guide". *Workero*. Diakses 22 November 2024.
<<https://www.worker.com/energy-efficiency-in-buildings-comprehensive-guide/#:~:text=Energy%20efficiency%20is%20defined%20as,maintaining%20or%20improving%20overall%20performance.>>
- "10 Best Innovations for Energy Efficiency in Buildings". *Patsnap*. 22 November 2024.
< <https://www.patsnap.com/resources/blog/10-innovations-for-energy-efficiency-in-buildings-you-need-to-know-about/> >
- "On-Site Renewable Energy Generation". U.S. Environmental Protection Agency. Diakses 22 November 2024.



- <https://www.epa.gov/statelocalenergy/site-renewable-energy-generation>>
"Life Cycle Assessment (LCA) – Everything You Need to Know". Ecochain. Diakses 23 November 2024.
<https://ecochain.com/blog/life-cycle-assessment-lca-guide/#:~:text=LCA%20measures%20the%20environmental%20impact,or%20recycling%2C%20etc.>>
- "How the Building Management System Helps to Achieve the Net Zero Building Goal?". Ezone. Diakses 25 November 2024.
<https://ezonesecurity.com/blog/how-the-building-management-system-helps-to-achieve-the-net-zero-building-goal/>>
- "The Impact of Building Management Systems on Reducing Carbon Footprints". Know Your Building. Diakses 25 November 2024.
<https://knowyourbuilding.com/the-impact-of-building-management-systems-on-reducing-carbon-footprints/>>
- "How Do Building Management Systems Help Sustainability?". Learnd. Diakses 25 November 2024.
<https://learnd.co.uk/insights/how-do-building-management-systems-help-sustainability/>>
- "Harvesting Rainwater for Energy Use" 2017. Buildings. Diakses 8 Januari 2025.
<https://www.buildings.com/resiliency-sustainability/energy-water-efficiency/article/10186395/harvesting-rainwater-for-energy-use>>
- "The Crystal / Wilkinson Eyre Architects." ArchDaily. Diakses 15 Januari 2025.
<https://www.archdaily.com/275111/the-crystal-wilkinson-eyre-architects>>
- "Jinhua Science & Culture Complex / DDB ARCHITECTS." ArchDaily. Diakses 15 Januari 2025.
https://www.archdaily.com/957490/jinhua-science-and-culture-comple-ddb-architects?ad_source=search&ad_medium=projects_tab>
- "The Future is Multiple: Hybrid and Composite Steel-Timber-Concrete Structures". Centre for Infrastructure Engineering and Safety. Diakses 8 Februari 2025.
<https://www.cies.unsw.edu.au/the-future-is-multiple-hybrid-and-composite-steel-timber-concrete-structures>>

Buku

- Roche, P. L. M. 2017. *Carbon-Neutral Architectural Design* (2nd ed.). CRC Press.
- United Nations Environment Programme. 2023. *Building Materials and The Climate: Constructing a New Future*.
- Brundtland Commission. 1987. *Our Common Future*. Oxford University Press.
- Kibert, C. J. 2016. *Sustainable Construction: Green Building Design and Delivery*. John Wiley & Sons.
- Jacobs, J. 1961. *The Death and Life of Great American Cities*. New York: Random House.
- Bishop, P., dan L. Williams. 2012. *The Temporary City*. London: Routledge.
- Lehmann, S. 2010. *Sustainable Urbanism: Urban Design with Nature*. New York: Wiley.
- Gehl, J. 2010. *Cities for People*. Washington, DC: Island Press.

Tesis

- Vongjatuporn, N. 2021. "Collaborative Hub for Urban Development and Participatory Planning: The Hub Development in Estonia." *Aalto University*.
- Masseck, T. 2017. "Living Labs in Architecture as Innovation Arenas within Higher Education Institutions." *UPC BarcelonaTech*