

DAFTAR PUSTAKA

- Antonio, A., Hasanah, M., Damayanti, N., Devina, O. A., Khoerunnisa, F., & Winarno, N. (2021). Eco Cooler for Cooler House without Electricity for Educational Purposes. *IJOMR Jurnal UPI Multidiciplinary Research*, 55-58. <https://doi.org/DOI: http://dx.doi.org/10.17509/xxxxt.vxix>
- Arianto, M. F. (2020). Potensi Wilayah Pesisir di Negara Indonesia *Jurnal Geografi Volume XX Nomor XX 2020*, Page 1-7.
- Asmal, I., Hamzah, B., & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use. *Civil Engineering and Architecture*, 10(3): 800-815, 2022, Pages 800-815. <https://doi.org/DOI: 10.13189/cea.2022.100305>
- Azizah, R. (2014). Kajian Kenyamanan Termal pada Rumah Tinggal dengan Model Innercourt. *Jurnal Arsitektur NALARs, Volume 13 No 2* 73-88.
- Baharuddin Hamzah, Rosady Mulyadi, Samsuddin Amin, & Kusno., A. (2020). Adaptive thermal comfort of naturally ventilated classrooms of elementary schools in the tropics. *IOP Conf. Series: Earth and Environmental Science*, 402. <https://doi.org/10.1088/1755-1315/402/1/012021>
- Barnabas, Boyden, Bugnicourt, Costa Leite, T. Deelstra, D. Djoekardi, Y. Hassan, F. K. Kloutse, A. Krtilova, K. Meguro, J. Michelsen, & N. D. Peiris. (1989). Health Principles of Housing. *United Nations Centre for Human Settlements (Habitat)*, (Design and construction of housing,).
- Bhanuprakash, Mummina, V., & chakravarthi, M. (2023). Performance Evaluation of an Eco-Cooler analysed by varying the Physical and flow Parameters. *IOP Conf. Series: Materials Science and Engineering* 377. <https://doi.org/doi:10.1088/1757-899X/377/1/012024>
- Ch, B., Mummina, V., & chakravarthi, M. (2018). Performance Evaluation of an Eco-Cooler analysed by varying the Physical and flow Parameters. *International Conference on Mechanical, Materials and Renewable Energy*. <https://doi.org/doi:10.1088/1757-899X/377/1/012024>
- Fatma, D. (2017). Iklim di Indonesia: Jenis dan Penjelarasannya. *Ilmugeografi.com*
- Fauzi, M., & Mussadun. (2021). Dampak Bencana Gempabumi dan Tsunami di Kawasan Pesisir Lere Kota Palu. *Jurnal Pembangunan Wilayah dan Kota*, Vol.17, No.1, 2021, 16- 24. <https://doi.org/https://ejournal.undip.ac.id/index.php/pwk/index>
- Fibrianto, J. Z., & Hilmy, M. (2018). Efektifitas Pembayangan yang Dihasilkan Pohon dan Bangunan di Koridor Jalan Perkotaan Untuk Mencapai Kenyamanan Termal. *EMARA: Indonesian Journal of Architecture*, Vol 4 No 1,. <https://doi.org/doi.org/ 10.29080/emara.v4i1.177>
- Hadi, D. S. N., Supriyanta, & Wibowo, M. F. R. (2023). Efektifitas Penghawaan Alami dalam Kenyamanan Termal: Interfensi Fasad dan Teknologi Eco-Cooler pada Ruang Aula. *SINEKTIKA Jurnal Arsitektur* <https://doi.org/http://journals.ums.ac.id/index.php/sinektika>

- Handri, H., Sari, L. H., Munir, A., & Ariatsyah, A. (2021). An evaluation of indoor thermal environment in fisherman housing in West Sumatera. *IOP Conf. Series: Earth and Environmental Science* 881 (2021) 012029. <https://doi.org/doi:10.1088/1755-1315/881/1/012029>
- Hermawan, Prianto, E., & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect, Procedia Engineering* 125 725 – 731.
- Hidayat, S. (2017). Faktor-faktor Kenyamanan Termal *SCRIBD*.
- Idawarni Asmal, Baharuddin Hamzah, & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use [Jurnal]. *Civil Engineering and Architecture, Vol. 10*(Response to Thermal and Its Influence to Outdoor), 800-815. <https://doi.org/10.13189/cea.2022.100305>
- Ismayanti, T., Sasmito, B., & Bashit, N. (2020). Evaluasi Ruang Terbuka Hijau terhadap Tingkat Kenyamanan Termal (Studi Kasus: Kota Semarang, Jawa Tengah). *Jurnal Geodesi Undip Januari 2020, Volume [9], Nomor [1], Tahun 2020, ,* 136-145.
- Julismin. (2013). Dampak dan Perubahan Iklim di Indonesia. *Jurnal Geografi, Vol 5. No.1 - 2013*.
- Jutraz, A. (2015). How to Design Healthy Building for Healthy Living ? *Places and Technology*
- Kalumata, T. J., & Indarwanto, M. (2016). Pengaruh Lebar Sirkulasi terhadap Aliran Angin pada Permukiman Padat Nelayan, Studi Kasus Permukiman Pasar Ikan, Penjaringan, Jakarta Utara. *Jurnal Arsitektur Bangunan & Lingkungan, Vitruvian Vol.5 No.3 Juni 2016, Pages* 105-162.
- Kartika, Q. A. y., Hidayat, R., & Virgiyanto, R. H. (2021). Perubahan *Temperature Humadity Index (THI)* di Pulau Jawa sejak 1981 hingga 2019. *Majalah Geografi Indonesia Vo. 35, No. 2, September 2021 (104-111)*. <https://doi.org/DOI: 10.22146/mgl.63432>
- Kasantikul, B. (2020). Eco-cooler Analysis for Room Temperature Reduction. *Mahasarakham International Journal of Engineering Technology, Vol. 6, No. 2. ,* 69-74.
- Latif, S., Hamzah, B., Rahim, R., & Mulyadi, R. (2019). Thermal Comfort Identification of Traditional Bugis House in Humid Tropical Climate. *Tesa Arsitektur Journal of Architectural Discourses, Vol 17, No 1*.
- Lucas, P., & Gaag, L. v. d. (1991). Principles of Expert Systems. *Centre for Mathematics and Computer Science, Amsterdam, published in 1991 by Addison-Wesley (copyright returned to the authors)*.
- Marialena Nikolopoulou, S. L. (2006). “Thermal comfort in outdoor urban spaces: Analysis across different European countries”, . *Building and Environment,, Vol. 41*(issue 11), pp. 1455–1470. <https://doi.org/https://doi.org/10.1016/j.buildenv.2005.05.031>

- Mendea, H., Peters, A., Ibrahim, F., & Schmitta, R. H. (2022). Integrating deep learning and rule-based systems into a smart devices decision support system for visual inspection in production. *ScienceDirect Elsevier f32nd CIRP Design Conference Procedia CIRP 109 (2022) 305–310*. <https://doi.org/10.1016/j.procir.2022.05.254>
- Nadir Bonaccorso, & Graça., G. C. d. (2022). Low-cost DIY thermal upgrades for overheating mitigation in slum houses in Latin America & Caribbean [Journal]. *Energy & Buildings*, 271(Low-cost DIY thermal upgrades), 1-16. <https://doi.org/https://doi.org/10.1016/j.enbuild.2022.112319>
- Nikolopoulou, M., & Lykoudis, S. (2006). Thermal comfort in outdoor urban spaces: Analysis across different European countries, . *Building and Environment*, , Volume 41, Issue 11, November 2006, , Pages 1455-1470. <https://doi.org/https://doi.org/10.1016/j.buildenv.2005.05.031>
- Pratikno, W. A. (2005). Pedomam Mitigasi Bencana Alam di Wilayah Pesisir dan Pulau-pulau Kecil, . Pages 1-79.
- Pratiwi, N., & Arifin, S. S. (2021). Analisis Performa Model Eco-Cooler sebagai Alternatif Bukaam Alam *Nasional Akademik Journal of Architecture Volume 8 Nomor 1,*.
- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering 471 (2019) 092083*. <https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Sumampouw, & Jeini Ester Nelwan. (2015). Eksplorasi Masalah Kesehatan Masyarakat di aerah Pesisir Kota Manado.
- Talarosha, B. (2005). Menciptakan Kenyamanan Termal dalam Bangunan *Jurnal Sistem Teknik Industri Volume 6, No. 3 Juli 2005*, Pages 148-158. <https://doi.org/https://www.researchgate.net/publication/42362832>
- Wijewardanea, & Jayainghe. (2008). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063*, Vol. 33, Pages 2057-2063. <https://doi.org/DOI:10.1016/j.renene.2007.11.009>
- Wijewardanea, & Jayainghe. (2017). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063*, Vol. 33, Pages 2057-2063. <https://doi.org/DOI:10.1016/j.renene.2007.11.009>
- Wulandari, E. (2016). Konsep Pengembangan Kawasan Kota Pesisir Rawan Bencana Banjir Wilayah Kepulauan, Kasus: Kota-kota di Provinsi Aceh. *Seminar Nasional Sains dan Teknologi Lingkungan II*, , Pages 1-7.
- Zhang, J., Lu, J., Deng, W., Beccarelli, P., & Lun, I. Y. F. (2023). Thermal comfort investigation of rural houses in China: A review. *Building and Environment 235 (2023)*.

- Ahmed, T., Kumar, P., & Mottet, L. (2021). Natural ventilation in warm climates: The challenges of thermal comfort, heatwave resilience and indoor air quality. *Elsevier Renewable and Sustainable Energy Reviews* 138 (2021) 110669. <https://doi.org/https://doi.org/10.1016/j.rser.2020.110669>
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2017). Determination Model of Suitable Coastal Transit-Oriented Development Location, Case Study: Paotere, Makassar. *Journal of Sustainable Development*, 10, No. 4, 31-42. <https://doi.org/10.5539/jsd.v10n4p31>
- Arifin, I. N., & Hidayat, S. (2018). Pengaruh Bukaannya terhadap Kinerja Termal pada Masjid Jendral Sudirman *Vitruvian Jurnal Arsitektur, Bangunan, & Lingkungan*, Vol.7 No.2 Februari 2018 Pages 67-76.
- Çiner, F., & Doğan-Sağlamtimur, N. (2019). Environmental and sustainable aspects of green building: A review. *FIBER IOP Conf. Series: Materials Science and Engineering* 706 (2019) 012001. <https://doi.org/doi:10.1088/1757-899X/706/1/012001>
- Davis, R. E., McGregor, G., & Enfield, K. B. (2016). Humidity: A review and primer on atmospheric moisture and human health. *Environmental Research*, Volume 144, Pages 106-116. <https://doi.org/https://doi.org/10.1016/j.envres.2015.10.014> Get rights and content
- Gischa, S. (2022). Kelembapan Udara: Pengertian, Faktor, dan Jenisnya. *Kompas.com* <https://doi.org/https://www.kompas.com/skola/read/2022/09/22/160000369/kelembapan-udara--pengertian-faktor-dan-jenisnya>
- Hizkia, N., & Trisno, R. (2021). Co-Living dengan Konsep Eco-Building untuk Era Pandemi hingga Pascapandemi *STUPA Sains, Teknologi, Urban, Perancangan, Arsitektur* Vol. 3, No. 2, Oktober 2021, 1413 - 1422. <https://doi.org/doi:10.24912/stupa.v3i2.12447>
- Ismayanti, T., Sasmito, B., & Bashit, N. (2020). Evaluasi Ruang Terbuka Hijau terhadap Tingkat Kenyamanan Termal (Studi Kasus: Kota Semarang, Jawa Tengah). *Jurnal Geodesi Undip Januari 2020*, Volume [9], Nomor [1], Tahun 2020, , 136-145.
- Jutraz, A. (2015). How to Design Healthy Building for Healthy Living ? *Places and Technology*
- Kalumata, T. J., & Indarwanto, M. (2016). Pengaruh Lebar Sirkulasi terhadap Aliran Angin pada Permukiman Padat Nelayan, Studi Kasus Permukiman Pasar Ikan, Penjaringan, Jakarta Utara. *Jurnal Arsitektur Bangunan & Lingkungan, Vitruvian* Vol.5 No.3 Juni 2016, Pages 105-162.
- Kartika, Q. A. y., Hidayat, R., & Virgiyanto, R. H. (2021). Perubahan *Temperature Humadity Index (THI)* di Pulau Jawa sejak 1981 hingga 2019. *Majalah Geografi Indonesia* Vo. 35, No. 2, September 2021 (104-111). <https://doi.org/DOI:10.22146/mgl.63432>

- Karyono, K., Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future. *Developments in the Built Environment*. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Kumar, S., & Prasad, D. R. (2015). Importance of Expert System Shell in Development of Expert System. *International Journal of Innovative Research & Development*, 4(3), 1-6.
- Latif, S., Hamzah, B., Rahim, R., & Mulyadi, R. (2019). Thermal Comfort Identification of Traditional Bugis House in Humid Tropical Climate. *Tesa Arsitektur Journal of Architectural Discourses*, Vol 17, No 1.
- Lucas, P., & Gaag, L. v. d. (1991). Principles of Expert Systems. *Centre for Mathematics and Computer Science, Amsterdam, published in 1991 by Addison-Wesley (copyright returned to the authors)*.
- Madengine. (2023). <https://madengineer.com/humidity2023>
- McGregor, G. R., & Nieuwolt, S. (1998). Tropical Climatology: An Introduction to the Climates of the Low Latitudes, 2 nd Edition.
- Mendea, H., Peters, A., Ibrahim, F., & Schmitta, R. H. (2022). Integrating deep learning and rule-based systems into a smart devices decision support system for visual inspection in production. *ScienceDirect Elsevier f32nd CIRP Design Conference Procedia CIRP 109 (2022) 305–310*. <https://doi.org/10.1016/j.procir.2022.05.254>
- Mendi, V., Kumar, A., Yadav, B. S., Verma, D., & Ankit. (2020). Use of Eco-Coolers in Indoor Cooling. *IOP Conf. Series: Materials Science and Engineering 1006 (2020) 012005* <https://doi.org/doi:10.1088/1757-899X/1006/1/012005>
- Nadir Bonaccorso, & Graça., G. C. d. (2022). Low-cost DIY thermal upgrades for overheating mitigation in slum houses in Latin America & Caribbean [Journal]. *Energy & Buildings*, 271(Low-cost DIY thermal upgrades), 1-16. <https://doi.org/https://doi.org/10.1016/j.enbuild.2022.112319>
- Nikolopoulou, M., & Lykoudis, S. (2006). Thermal comfort in outdoor urban spaces: Analysis across different European countries, . *Building and Environment*, , Volume 41, Issue 11, November 2006, , Pages 1455-1470. <https://doi.org/https://doi.org/10.1016/j.buildenv.2005.05.031>
- Pratiwi, N., & Arifin, S. S. (2021). Analisis Performa Model Eco-Cooler sebagai Alternatif Bukaam Alam *Nasional Akademik Journal of Architecture Volume 8 Nomor 1,*.
- Ragheba, A., El-Shimy, H., & Ragheb, G. (2016). Green Architecture: A Concept of Sustainability. *Urban Planning and Architecture Design for Sustainable Development*. , 216 (2016) 778 – 787
- Reza, M., Alifa, M., & Nugroho, H. (2017). Prototype wind tunnel as kalibrator anemometer *Jurnal Meteorologi Klimatologi dan Geofisika Vol. 4, No. 3,*

November 2017 (<https://www.scribd.com/document/458605878/52-Article-Text-143-1-10-20190429#fullscreen=1>)

- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering* 471 (2019) 092083. <https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Shams, S., & Rahman, M. M. (2018). Green Building. *Sustainable Utilization of Natural Resources*, 539-563.
- Song, J., Wang, W., Ni, P., Zheng, H., Zhou, Y., & Zhang, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect* 8, 181–197.
- Talarosha, B. (2005). Menciptakan Kenyamanan Termal dalam Bangunan *Jurnal Sistem Teknik Industri Volume 6, No. 3 Juli 2005*, Pages 148-158. <https://doi.org/https://www.researchgate.net/publication/42362832>
- Turban, E. (1995). Decision Support and Expert Systems Management Support System. *4th Edition Published Englewood Cliffs*. (N.J. Prentice Hall)
- Wijewardane, & Jayainghe. (2017). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy* 33 (2008) 2057–2063, Vol. 33, Pages 2057-2063. <https://doi.org/DOI:10.1016/j.renene.2007.11.009>
- Zhang, J., Lu, J., Deng, W., Beccarelli, P., & Lun, I. Y. F. (2023). Thermal comfort investigation of rural houses in China: A review. *Building and Environment* 235 (2023).
- Zhao, Q., Lian, Z., & Lai, D. (2021). Thermal comfort models and their developments: A review. *Energy and Built Environment, Vol.2 Tahun 2021*, Page 21–33. <https://doi.org/https://doi.org/10.1016/j.enbenv.2020.05.007>
- Alfano, F. R. d. A., Palella, B. I., & Riccio, G. (2011). Thermal Environment Assessment Reliability Using Temperature —Humidity Indices. *Industrial Health* 2011, 49, 95–106.
- Alwetaishi, M. S. (2016). Impact of Building Function on Thermal Comfort: A Review Paper. *American Journal of Engineering and Applied Sciences*. <https://doi.org/DOI:10.3844/ajeassp.2016.928.945>
- Antonio, A., Hasanah, M., Damayanti, N., Devina, O. A., Khoerunnisa, F., & Winarno, N. (2021). Eco Cooler for Cooler House without Electricity for Educational Purposes. *IJOMR Jurnal UPI Multidiciplinary Research*, 55-58. <https://doi.org/DOI:http://dx.doi.org/10.17509/xxxxt.vvix>
- Arianto, M. F. (2020). Potensi Wilayah Pesisir di Negara Indonesia *Jurnal Geografi Volume XX Nomor XX 2020*, Page 1-7.
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2018). Determining of The Suitable Location for The Development of Coastal Transit Oriented Development. *Journal of Urban and Environmental Engineering (JUEE)*, ,

- v.12, n.2, , p.210-218. <https://doi.org/doi:10.4090/juee.2018.v12n2.210218>
- Arifin, I. N., & Hidayat, S. (2018). Pengaruh Bukaian terhadap Kinerja Termal pada Masjid Jendral Sudirman *Vitruvian Jurnal Arsitektur, Bangunan, & Lingkungan, Vol.7 No.2 Februari 2018* Pages 67-76.
- Asmal, I., Hamzah, B., & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use. *Civil Engineering and Architecture, 10(3): 800-815, 2022*, Pages 800-815. <https://doi.org/DOI:10.13189/cea.2022.100305>
- Bachtiar, A. A. F. (2024). A Model for Determining the Thermal Comfort of Fishermen's Houses on Coasts With Humid Tropical Climate. *Proceeding of International Conference on Multidisciplinary Research for Sustainable Innovation,, Vol. 1 No. 1 (2024)* 431-440.
- Barnabas, Boyden, Bugnicourt, Costa Leite, T. Deelstra, D. Djoekardi, Y. Hassan, F. K. Kloutse, A. Krtilova, K. Meguro, J. Michelsen, & N. D. Peiris. (1989). Health Principles of Housing. *United Nations Centre for Human Settlements (Habitat)*, (Design and construction of housing,).
- Bhanuprakash, Mummina, V., & chakravarthi, M. (2023). Performance Evaluation of an Eco-Cooler analysed by varying the Physical and flow Parameters. *IOP Conf. Series: Materials Science and Engineering 377*. <https://doi.org/doi:10.1088/1757-899X/377/1/012024>
- Çiner, F., & Doğan-Sağlamtimur, N. (2019). Environmental and sustainable aspects of green building: A review. *FIBER IOP Conf. Series: Materials Science and Engineering 706 (2019) 012001*. <https://doi.org/doi:10.1088/1757-899X/706/1/012001>
- Fauzi, M., & Mussadun. (2021). Dampak Bencana Gempabumi dan Tsunami di Kawasan Pesisir Lere Kota Palu. *Jurnal Pembangunan Wilayah dan Kota, Vol.17, No.1, 2021, 16-24*. <https://doi.org/https://ejournal.undip.ac.id/index.php/pwk/index>
- Gischa, S. (2022). Kelembapan Udara: Pengertian, Faktor, dan Jenisnya. *Kompas.com* <https://doi.org/https://www.kompas.com/skola/read/2022/09/22/160000369/kelembapan-udara--pengertian-faktor-dan-jenisnya>
- Hadi, D. S. N., Supriyanta, & Wibowo, M. F. R. (2023). Efektifitas Penghawaan Alami dalam Kenyamanan Termal: Interfensi Fasad dan Teknologi Eco-Cooler pada Ruang Aula. *SINEKTIKA Jurnal Arsitektur* <https://doi.org/http://journals.ums.ac.id/index.php/sinektika>
- Handri, H., Sari, L. H., Munir, A., & Ariatsyah, A. (2021). An evaluation of indoor thermal environment in fisherman housing in West Sumatera. *IOP Conf. Series: Earth and Environmental Science 881 (2021) 012029*. <https://doi.org/doi:10.1088/1755-1315/881/1/012029>
- Hermawan, Prianto, E., & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect, Procedia Engineering 125 725 – 731*.

- Hermawana, Prianto, E., & Setyowatib, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect Elsevier, Procedia Engineering* 125 (2015) 725 – 731.
- Hidayat, S. (2017). Faktor-faktor Kenyamanan Termal *SCRIBD*.
- Jamala, N., Rahim, R., Hamzah, B., Latif, S., Asmal, I., Amin, S., Mulyadi, R., Kusno, A., Syam, S., & Mushar, P. (2021). Sosialisasi Kenyamanan Termal pada Bangunan Rumah Tinggal di Kawasan Permukiman Sungai Cikoang Kabupaten Takalar. *Jurnal Tepat (Teknologi Terapan Untuk Pengabdian Masyarakat), Volume 4, Nomor 1, Tahun 2021*.
- Kalumata, T. J., & Indarwanto, M. (2016). Pengaruh Lebar Sirkulasi terhadap Aliran Angin pada Permukiman Padat Nelayan, Studi Kasus Permukiman Pasar Ikan, Penjaringan, Jakarta Utara. *Jurnal Arsitektur Bangunan & Lingkungan, Vitruvian Vol.5 No.3 Juni 2016, Pages 105-162*.
- Karyono, K., Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future. *Developments in the Built Environment*.
<https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Karyono, T. H. (2016). Kenyamanan Termal dalam Arsitektur Tropis *Artikel dalam buku Arsitektur dan Kota Tropis Dunia Ketiga: Suatu Bahasan tentang Indonesia, PT Raja Grafindo*.
- Kasantikul, B. (2020). Eco-cooler Analysis for Room Temperature Reduction. *Mahasarakham International Journal of Engineering Technology, Vol. 6, No. 2. , 69-74*.
- Khumaira, H. M., & Sugini. (2019). Studi Pengaruh Bentuk dan Massa Bangunan terhadap Perilaku Angin *Seminar Karya & Pameran Arsitektur Indonesia 2019 Sustainability in Architecture, 224-232*.
- Latif, S., Hamzah, B., Rahim, R., & Mulyadi, R. (2019). Thermal Comfort Identification of Traditional Bugis House in Humid Tropical Climate. *Tesa Arsitektur Journal of Architectural Discourses, Vol 17, No 1*.
- Lechner, N. (2015). Heating, Cooling, and Lighting as Form-Givers in Architecture, Sustainable Methods for Architects. *Fourth Edition*.
- Lin, Y., Zhou, Y., & Chen, C. (2023). Interventions and practices using Comfort Theory of Kolcaba to promote adults' comfort: an evidence and gap map protocol of international effectiveness studies. *Systematic Reviews* (2023), 1-10. <https://doi.org/https://doi.org/10.1186/s13643-023-02202-8>
- Mendi, V., Kumar, A., Yadav, B. S., Verma, D., & Ankit. (2020). Use of Eco-Coolers in Indoor Cooling. *IOP Conf. Series: Materials Science and Engineering* 1006 (2020) 012005 <https://doi.org/doi:10.1088/1757-899X/1006/1/012005>
- Nematchoua, M. K., Vanona, J. C., & Oros, J. A. (2020). Energy Efficiency and Thermal Performance of Office Buildings Integrated with Passive Strategies in Coastal Regions of Humid and Hot Tropical Climates in Madagascar.

- Applied Sciences*, volume 10, 2438; , 1-19.
<https://doi.org/doi:10.3390/app10072438>
- Pratiwi, N., & Arifin, S. S. (2021). Analisis Performa Model Eco-Cooler sebagai Alternatif Bukaam Alam *Nasional Akademik Journal of Architecture Volume 8 Nomor 1*,.
- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering 471 (2019) 092083*.
<https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Seitabliev, M. Ö., & Umarogullari, F. (2018). Thermal Comfort and Indoor Air Quality. *International Journal of Scientific Research and Innovative Technology, Vol. 5 No. 3; March 2018*.
- Shidqi, I. M., Anggaryani, M., & Mita. (2020). PENGEMBANGAN ALAT PERAGA BERBASIS SENSOR FLOWMETER UNTUK MENERAPKAN PERSAMAAN KONTINUITAS PADA MATERI FLUIDA DINAMIS. *Inovasi Pendidikan Fisika*(Vol 9, No 2 (2020)).
<https://jurnalmahasiswa.unesa.ac.id/index.php/inovasi-pendidikan-fisika/article/view/34012>
- Song, J., Wang, W., Ni, P., Zheng, H., Zhou, Y., & Zhang, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect 8*, 181–197.
- Sumampouw, & Jeini Ester Nelwan. (2015). Eksplorasi Masalah Kesehatan Masyarakat di aerah Pesisir Kota Manado.
- Syahza, A. (2021). Metodologi Penelitian, Edisi Revisi Tahun 2021. *Citasi : Almasdi Syahza., (2021) Metodologi Penelitian, Edisi Revisi.Unri Press, Pekanbaru*.
- Talarosha, B. (2005). Menciptakan Kenyamanan Termal dalam Bangunan *Jurnal Sistem Teknik Industri Volume 6, No. 3 Juli 2005*, Pages 148-158.
<https://doi.org/https://www.researchgate.net/publication/42362832>
- Wanga, J. S. W., Nib, P., Zhengc, H., Zhoua, Y., & Zhanga, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect 8*, 181–197.
- Wibawa, B. A. (2023). Perhitungan Sistem Penghawaan Alami. *Penghawaan dan Akustik*
- Wibowo, I. M. S. M. F. R., & Mita, A. (2020). Pengembangan Alat Peraga Berbasis Sensor Flowmeter untuk Menerapkan Persamaan Kontinuitas pada Materi Fluida Dinamis. *Inovasi Pendidikan Fisika*(Vol 9, No 2 (2020)).
<https://jurnalmahasiswa.unesa.ac.id/index.php/inovasi-pendidikan-fisika/article/view/34012>
- Wijewardanea, & Jayainghe. (2017). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063*, Vol. 33, Pages 2057-2063. <https://doi.org/DOI:10.1016/j.renene.2007.11.009>

- Zheng, X., Zhang, N., & Wang, X. (2022). Development of a modified thermal humidity index and its application to human thermal comfort of urban vegetation patches. *ECOSYSTEM HEALTH AND SUSTAINABILITY* 2022, VOL. 8, NO. 1, 2130095, Vol. 8, No. 1. <https://doi.org/https://doi.org/10.1080/20964129.2022.2130095>
- Alfano, F. R. d. A., Palella, B. I., & Riccio, G. (2011). Thermal Environment Assessment Reliability Using Temperature —Humidity Indices. *Industrial Health* 2011, 49, 95–106.
- Alwetaishi, M. S. (2016). Impact of Building Function on Thermal Comfort: A Review Paper. *American Journal of Engineering and Applied Sciences*. [https://doi.org/DOI: 10.3844/ajeassp.2016.928.945](https://doi.org/DOI:10.3844/ajeassp.2016.928.945)
- Antonio, A., Hasanah, M., Damayanti, N., Devina, O. A., Khoerunnisa, F., & Winarno, N. (2021). Eco Cooler for Cooler House without Electricity for Educational Purposes. *IJOMR Jurnal UPI Multidiciplinary Research*, 55-58. [https://doi.org/DOI: http://dx.doi.org/10.17509/xxxxt.vxix](https://doi.org/DOI:http://dx.doi.org/10.17509/xxxxt.vxix)
- Arianto, M. F. (2020). Potensi Wilayah Pesisir di Negara Indonesia *Jurnal Geografi Volume XX Nomor XX 2020*, Page 1-7.
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2018). Determining of The Suitable Location for The Development of Coastal Transit Oriented Development. *Journal of Urban and Environmental Engineering (JUEE)*, , v.12, n.2, , p.210-218. [https://doi.org/doi: 10.4090/juee.2018.v12n2.210218](https://doi.org/doi:10.4090/juee.2018.v12n2.210218)
- Arifin, I. N., & Hidayat, S. (2018). Pengaruh Bukaannya terhadap Kinerja Termal pada Masjid Jendral Sudirman *Vitruvian Jurnal Arsitektur, Bangunan, & Lingkungan*, Vol.7 No.2 Februari 2018 Pages 67-76.
- Asmal, I., Hamzah, B., & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use. *Civil Engineering and Architecture*, 10(3): 800-815, 2022, Pages 800-815. [https://doi.org/DOI: 10.13189/cea.2022.100305](https://doi.org/DOI:10.13189/cea.2022.100305)
- Bachtiar, A. A. F. (2024). A Model for Determining the Thermal Comfort of Fishermen's Houses on Coasts With Humid Tropical Climate. *Proceeding of International Conference on Multidisciplinary Research for Sustainable Innovation*,, Vol. 1 No. 1 (2024) 431-440.
- Barnabas, Boyden, Bugnicourt, Costa Leite, T. Deelstra, D. Djoekardi, Y. Hassan, F. K. Kloutse, A. Krtilova, K. Meguro, J. Michelsen, & N. D. Peiris. (1989). Health Principles of Housing. *United Nations Centre for Human Settlements (Habitat)*, (Design and construction of housing,).
- Bhanuprakash, Mummina, V., & chakravarthi, M. (2023). Performance Evaluation of an Eco-Cooler analysed by varying the Physical and flow Parameters. *IOP Conf. Series: Materials Science and Engineering* 377. <https://doi.org/doi:10.1088/1757-899X/377/1/012024>
- Çiner, F., & Doğan-Sağlamtimur, N. (2019). Environmental and sustainable aspects of green building: A review. *FIBER IOP Conf. Series: Materials Science and Engineering* 706 (2019) 012001. <https://doi.org/doi:10.1088/1757->

[899X/706/1/012001](https://doi.org/10.24127/899X7061012001)

- Fauzi, M., & Mussadun. (2021). Dampak Bencana Gempabumi dan Tsunami di Kawasan Pesisir Lere Kota Palu. *Jurnal Pembangunan Wilayah dan Kota*, Vol.17, No.1, 2021, 16-24. <https://doi.org/https://ejournal.undip.ac.id/index.php/pwk/index>
- Gischa, S. (2022). Kelembapan Udara: Pengertian, Faktor, dan Jenisnya. *Kompas.com* <https://doi.org/https://www.kompas.com/skola/read/2022/09/22/160000369/kelembapan-udara--pengertian-faktor-dan-jenisnya>
- Hadi, D. S. N., Supriyanta, & Wibowo, M. F. R. (2023). Efektifitas Penghawaan Alami dalam Kenyamanan Termal: Interfensi Fasad dan Teknologi Eco-Cooler pada Ruang Aula. *SINEKTIKA Jurnal Arsitektur* <https://doi.org/http://journals.ums.ac.id/index.php/sinektika>
- Handri, H., Sari, L. H., Munir, A., & Ariatsyah, A. (2021). An evaluation of indoor thermal environment in fisherman housing in West Sumatera. *IOP Conf. Series: Earth and Environmental Science* 881 (2021) 012029. <https://doi.org/doi:10.1088/1755-1315/881/1/012029>
- Hermawan, Prianto, E., & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect, Procedia Engineering* 125 725 – 731.
- Hermawana, Prianto, E., & Setyowatib, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect Elsevier, Procedia Engineering* 125 (2015) 725 – 731.
- Hidayat, S. (2017). Faktor-faktor Kenyamanan Termal *SCRIBD*.
- Jamala, N., Rahim, R., Hamzah, B., Latif, S., Asmal, I., Amin, S., Mulyadi, R., Kusno, A., Syam, S., & Mushar, P. (2021). Sosialisasi Kenyamanan Termal pada Bangunan Rumah Tinggal di Kawasan Permukiman Sungai Cikoang Kabupaten Takalar. *Jurnal Tepat (Teknologi Terapan Untuk Pengabdian Masyarakat)*, Volume 4, Nomor 1, Tahun 2021.
- Kalumata, T. J., & Indarwanto, M. (2016). Pengaruh Lebar Sirkulasi terhadap Aliran Angin pada Permukiman Padat Nelayan, Studi Kasus Permukiman Pasar Ikan, Penjaringan, Jakarta Utara. *Jurnal Arsitektur Bangunan & Lingkungan, Vitruvian Vol.5 No.3 Juni 2016*, Pages 105-162.
- Karyono, K., Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future. *Developments in the Built Environment*. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Karyono, T. H. (2016). Kenyamanan Termal dalam Arsitektur Tropis *Artikel dalam buku Arsitektur dan Kota Tropis Dunia Ketiga: Suatu Bahasan tentang Indonesia, PT Raja Grafindo*.
- Kasantikul, B. (2020). Eco-cooler Analysis for Room Temperature Reduction.

Maharakham International Journal of Engineering Technology, Vol. 6, No. 2, 69-74.

- Khumaira, H. M., & Sugini. (2019). Studi Pengaruh Bentuk dan Massa Bangunan terhadap Perilaku Angin *Seminar Karya & Pameran Arsitektur Indonesia 2019 Sustainability in Architecture*, 224-232.
- Latif, S., Hamzah, B., Rahim, R., & Mulyadi, R. (2019). Thermal Comfort Identification of Traditional Bugis House in Humid Tropical Climate. *Tesa Arsitektur Journal of Architectural Discourses*, Vol 17, No 1.
- Lechner, N. (2015). Heating, Cooling, and Lighting as Form-Givers in Architecture, Sustainable Methods for Architects. *Fourth Edition*.
- Lin, Y., Zhou, Y., & Chen, C. (2023). Interventions and practices using Comfort Theory of Kolcaba to promote adults' comfort: an evidence and gap map protocol of international effectiveness studies. *Systematic Reviews* (2023), 1-10. <https://doi.org/https://doi.org/10.1186/s13643-023-02202-8>
- Mendi, V., Kumar, A., Yadav, B. S., Verma, D., & Ankit. (2020). Use of Eco-Coolers in Indoor Cooling. *IOP Conf. Series: Materials Science and Engineering 1006* (2020) 012005 <https://doi.org/doi:10.1088/1757-899X/1006/1/012005>
- Nematchoua, M. K., Vanona, J. C., & Oros, J. A. (2020). Energy Efficiency and Thermal Performance of Office Buildings Integrated with Passive Strategies in Coastal Regions of Humid and Hot Tropical Climates in Madagascar. *Applied Sciences*, volume 10, 2438; , 1-19. <https://doi.org/doi:10.3390/app10072438>
- Pratiwi, N., & Arifin, S. S. (2021). Analisis Performa Model Eco-Cooler sebagai Alternatif Bukaam Alam *Nasional Akademik Journal of Architecture Volume 8 Nomor 1*,.
- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering 471* (2019) 092083. <https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Seitabliev, M. Ö., & Umarogullari, F. (2018). Thermal Comfort and Indoor Air Quality. *International Journal of Scientific Research and Innovative Technology*, Vol. 5 No. 3; March 2018.
- Shidqi, I. M., Anggaryani, M., & Mita. (2020). PENGEMBANGAN ALAT PERAGA BERBASIS SENSOR FLOWMETER UNTUK MENERAPKAN PERSAMAAN KONTINUITAS PADA MATERI FLUIDA DINAMIS. *Inovasi Pendidikan Fisika*(Vol 9, No 2 (2020)). <https://jurnalmahasiswa.unesa.ac.id/index.php/inovasi-pendidikan-fisika/article/view/34012>
- Song, J., Wang, W., Ni, P., Zheng, H., Zhou, Y., & Zhang, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect* 8, 181–197.

- Sumampouw, & Jeini Ester Nelwan. (2015). Eksplorasi Masalah Kesehatan Masyarakat di daerah Pesisir Kota Manado.
- Syahza, A. (2021). Metodologi Penelitian, Edisi Revisi Tahun 2021. *Citasi : Almasdi Syahza., (2021) Metodologi Penelitian, Edisi Revisi. Unri Press, Pekanbaru.*
- Talarosha, B. (2005). Menciptakan Kenyamanan Termal dalam Bangunan *Jurnal Sistem Teknik Industri Volume 6, No. 3 Juli 2005, Pages 148-158.* <https://doi.org/https://www.researchgate.net/publication/42362832>
- Wanga, J. S. W., Nib, P., Zhengc, H., Zhoua, Y., & Zhanga, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect 8, 181–197.*
- Wibawa, B. A. (2023). Perhitungan Sistem Penghawaan Alami. *Penghawaan dan Akustik*
- Wibowo, I. M. S. M. F. R., & Mita, A. (2020). Pengembangan Alat Peraga Berbasis Sensor Flowmeter untuk Menerapkan Persamaan Kontinuitas pada Materi Fluida Dinamis. *Inovasi Pendidikan Fisika*(Vol 9, No 2 (2020)). <https://jurnalmahasiswa.unesa.ac.id/index.php/inovasi-pendidikan-fisika/article/view/34012>
- Wijewardanea, & Jayainghe. (2017). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063, Vol. 33, Pages 2057-2063.* <https://doi.org/DOI:10.1016/j.renene.2007.11.009>
- Zheng, X., Zhang, N., & Wang, X. (2022). Development of a modified thermal humidity index and its application to human thermal comfort of urban vegetation patches. *ECOSYSTEM HEALTH AND SUSTAINABILITY 2022, VOL. 8, NO. 1, 2130095, Vol. 8, No. 1.* <https://doi.org/https://doi.org/10.1080/20964129.2022.2130095>
- Ali, M. E. (2020). Geographic Information System (GIS): Definition, Development, Applications & Components.
- Aqilah, N., Rijal, H. B., & Zaki, S. A. (2022). A Review of Thermal Comfort in Residential Buildings: Comfort Threads and Energy Saving Potential. *Energies 2022, 15, 9012.* <https://doi.org/> <https://doi.org/10.3390/en15239012> <https://www.mdpi.com/journal/energies>
- Arief, Yudono, Akil, & Ramli. (2017). Model of Coastal Transit Oriented Development (TOD) Based on the Potential of Local Port and marine Tourism Port, Case Study: Fort Rotterdam Makassar and the Surrounding Areas. *CITIES 2016, 79.* <https://doi.org/doi:10.1088/1755-1315/79/1/012034>
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2017). Determination Model of Suitable Coastal Transit-Oriented Development Location, Case Study: Paotere Makassar. *Journal of Sustainable Development, 10 No.4*
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2018). Determining of The Suitable Location for The Development of Coastal Transit Oriented

- Development. *Journal of Urban and Environmental Engineering (JUEE)*, , v.12, n.2, , p.210-218. [https://doi.org/doi: 10.4090/juee.2018.v12n2.210218](https://doi.org/doi:10.4090/juee.2018.v12n2.210218)
- Asmal, I., Hamzah, B., & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use. *Civil Engineering and Architecture*, 10(3): 800-815, 2022, Pages 800-815. [https://doi.org/DOI: 10.13189/cea.2022.100305](https://doi.org/DOI:10.13189/cea.2022.100305)
- Asmal, I., & Latief, R. (2023). The Presence of a Family Communal Space as a Form of Local Wisdom towards Community Cohesion and Resilience in Coastal Settlements. *Sustainability*, 15, *Issu* 10, 1-19. <https://doi.org/https://www.mdpi.com/journal/sustainability>
doi.org/10.3390/su15108167
- Bachtiar, A. A. F. (2024). A Model for Determining the Thermal Comfort of Fishermen's Houses on Coasts With Humid Tropical Climate. *The 3rd International Conference on Multidisciplinary Research for Sustainable Innovation 3rd ICMRSI (Sustainable Development: Policy & Implementation on Social Economic, Creative Industry, Infrastructure and Innovation)*.
- Bahar, F. (2019). Environmental Characteristics of Fishermen's Settlements as a Form of Local Wisdom of Coastal Communities in Karang Sari Village, Tuban. *LOCAL WISDOM*,, 11 (1):, 53-66.
- Barnabas, Boyden, Bugnicourt, Costa Leite, T. Deelstra, D. Djoekardi, Y. Hassan, F. K. Kloutse, A. Krtilova, K. Meguro, J. Michelsen, & N. D. Peiris. (1989). Health Principles of Housing. *United Nations Centre for Human Settlements (Habitat)*, (Design and construction of housing,).
- Bhanuprakash, Mummina, V., & chakravarthi, M. (2023). Performance Evaluation of an Eco-Cooler analysed by varying the Physical and flow Parameters. *IOP Conf. Series: Materials Science and Engineering* 377. <https://doi.org/doi:10.1088/1757-899X/377/1/012024>
- Bonaccorso, N., & Graça, G. C. d. (2022). Low-cost DIY thermal upgrades for overheating mitigation in slum houses in Latin America & Caribbean. *Energy & Buildings* 266 (2022) 112074, 266, 1-16. <https://doi.org/https://doi.org/10.1016/j.enbuild.2022.112319>
- Bressane, S., Nunes, R., & Pizzolato, N. (2022). GIS Spatial Tools for Traffic Accidents: Analysis with Heavy Vehicles on Highways in Rio De Janeiro *Journal of Urban and Environmental Engineering (JUEE)*,, Vol. 16 No. 2 (2022), 141-153. [https://doi.org/doi: 10.4090/juee.2022.v16n2.141153](https://doi.org/doi:10.4090/juee.2022.v16n2.141153)
- Chow, W. T. L., Akbar, S. N. A. B. A., Heng, S. L., & Roth, M. (2016). Assessment of measured and perceived microclimates within atropical urban forest. *Urban Forestry & Urban Greening*, Volume 16, 62–75.
- Davis, R. E., Mcgregor, G., & Enfield, K. B. (2016). Humidity: A review and primer on atmospheric moisture and human health. *Environmental Research*, Volume 144, Pages 106-116.

<https://doi.org/https://doi.org/10.1016/j.envres.2015.10.014> Get rights and content

- Deng, Y., Wang, S., Bai, X., Tian, Y., Wu, L., Xiao, J., Chen, F., & Qian, Q. (2018). Relationship among land surface temperature and LUCC, NDVI in typical karst area. *SCientific REPOrTS* | (2018) 8:641 | DOI:10.1038/s41598-017-19088-x.
- Fauzi, F., Kharisudin, I., Wasono, R., Utami, T. W., & Harmoko, I. W. (2023). Thermal Stress Projection Based on Temperature-Humidity Index (THI) Under Climate Change Scenario. *Jurnal Meteorologi dan Geofisika*, VOL. 24 ED. 1 65 - 73.
- Fuady, M., Munadi, R., & Kevin, M. A. (2023). Suitability of the Bioclimatic Architectural Design Concept and the Achievement of Thermal Comfort in the Building (Case Study of Baitul Musyahadah Mosque in Banda Aceh City). *Civil Engineering and Architecture* 11(6): 3642-3650, 2023 <http://www.hrpub.org> DOI:10.13189/cea.2023.110630.
- Gignac, G. E., & Szodorai, E. T. (2024). Defining intelligence: Bridging the gap between human and artificial perspectives. *Intelligence*, 104 (2024) 101832, 1-16. <https://doi.org/https://doi.org/10.1016/j.intell.2024.101832>
- Gonçalves, M., Figueiredo, A., Almeida, R. M. S. F., & Vicente, R. (2024). Dynamic façades in buildings: A systematic review across thermal comfort, energy efficiency and daylight performance. *Renewable and Sustainable Energy Reviews*, 199 (2024) 114474 Available. <https://doi.org/https://doi.org/10.1016/j.rser.2024.114474>
- Goussous, J., Alzoubi, H., & Bader, G. (2023). The Impact of Using Natural Stone on Thermal Performance of Building Envelopes in HotRegions: Case of Al-Karama Town, Jordan. *Civil Engineering and Architecture* 11(5A): 3125-3141, 2023 <http://www.hrpub.org> DOI: 10.13189/cea.2023.110823.
- Handri, H., Sari, L. H., Munir, A., & Ariatsyah, A. (2021). An evaluation of indoor thermal environment in fisherman housing in West Sumatera. *IOP Conf. Series: Earth and Environmental Science* 881 (2021) 012029. <https://doi.org/doi:10.1088/1755-1315/881/1/012029>
- Heng, S. L., & Chow, W. T. L. (2019). How 'hot' is too hot? Evaluating acceptable outdoor thermal comfort ranges in an equatorial urban park. *International Journal of Biometeorology* (2019) 63:801–816. <https://doi.org/https://doi.org/10.1007/s00484-019-01694-1>
- Hermawan, Prianto, E., & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect, Procedia Engineering* 125 725 – 731.
- Janjanam, D., Ganesh, B., & Manjunatha. (2021). Design of an expert system architecture: An overview. *Journal of Physics: Conference Series* 1767, 1-11. <https://doi.org/doi:10.1088/1742-6596/1767/1/012036>

- Jeong, Y., Lee, G., & Kim, S. (2015). Analysis of the Relation of Local Temperature to the Natural Environment, Land Use and Land Coverage of Neighborhoods. *Journal of Asian Architecture and Building Engineering/January 2015/40, JAABE vol.14 no.1 January 2015*, 33-40.
- Jiang, C., Fan, W., Yu, N., & Liu, E. (2021). Spatial modeling of gully head erosion on the Loess Plateau using a certainty factor and random forest model. *Science of the Total Environment*, 783. <https://doi.org/https://doi.org/10.1016/j.scitotenv.2021.1470400048-9697/>© 2021 Published by Elsevier B.V.
- Jicai, Zhiqiang, Ran, Fuxiang, & Meng. (2017). Analysis of relationships between land surface temperature and land use changes in the Yellow River Delta. *Research Article* <https://doi.org/DOI> 10.1007/s11707-017-0657-9
- Kanisius Karyono, Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future [Journal]. *Developments in the Built Environment*, 4(thermal comfort), 1-12. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Karyono, K., Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future. *Developments in the Built Environment*. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Kent, M. G., Huynh, N. K., Mishra, A. K., Tartarini, F., Lipczynska, A., Li, J., Sultan, Z., Goh, E., Karunagaran, G., Natarajan, A., Indrajith, A., Hendri, I., Narendra, K. I., Wu, V., Chin, N., Gao, C. P., Sapar, M., Seoh, A., Shuhadah, N., . . . Schiavon, S. (2023). Energy Savings and Thermal Comfort in a Zero Energy Office Building with Fans in Singapore. *Building and Environment*, 243, 1-15. <https://doi.org/https://doi.org/10.1016/j.buildenv.2023.110674>
- Kuhne, T. (2015). What is a Model ? <http://drops.dagstuhl.de/opus/volltexte/2005/23>.
- Kumar, S., & Prasad, R. (2015). Importance of Expert System Shell in Development of Expert System. *International Journal of Innovative Research and Development Vol 4 Issue 3*, 128-133.
- Long, D., & Scott, Z. (2011). A Primer For Model-Based Systems Engineering. *Vitech Corporation Research and Education Council, 2nd Edition*, 1-107.
- Long, D., & Scott, Z. (2011). A Primer for Model-Based Systems Engineering, 2nd Edition. *Vitech Corporation Research and Education Council, 2nd Edition*, 1-107. .
- Lucas, P., & Gaag, L. v. d. (1991). Principles of Expert Systems. *Centre for Mathematics and Computer Science, Amsterdam, published in 1991 by Addison-Wesley (copyright returned to the authors)*.

- McGregor, G. R., & Nieuwolt, S. (1998). Tropical Climatology: An Introduction to the Climates of the Low Latitudes, 2 nd Edition.
- Mendea, H., Peters, A., Ibrahim, F., & Schmitta, R. H. (2022). Integrating deep learning and rule-based systems into a smart devices decision support system for visual inspection in production. *ScienceDirect Elsevier f32nd CIRP Design Conference Procedia CIRP 109 (2022) 305–310*. <https://doi.org/10.1016/j.procir.2022.05.254>
- Putri, N. A., Hermawan, R., & Karlinasari, L. (2021). Measuring thermal comfort in a built environment: A case study in a Central Business District, Jakarta. *The 2nd ISATrop2021 IOP Conf. Series: Earth and Environmental Science, 918 (2021) 012024* <https://doi.org/doi:10.1088/1755-1315/918/1/012024>
- Saibene, A., Assale, M., & Giltri, M. (2021). Expert systems: Definitions, advantages and issues in medical field applications. *Expert Systems With Applications, 177*. <https://doi.org/https://doi.org/10.1016/j.eswa.2021.114900>
- Savvides, A., Vassiliades, C., Lau, K., & Rizzo, A. (2024). Examining user thermal comfort in spaces between buildings: Exploring parametric solutions for BIPVs for Luleå, Sweden, and Limassol, Cyprus. *Energy Reports 11 (2024) 5235–5251*. <https://doi.org/https://doi.org/10.1016/j.egy.2024.04.066>
- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering 471 (2019) 092083*. <https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Seitablaiev, M. Ö., & Umarogullari, F. (2018). Thermal Comfort and Indoor Air Quality. *International Journal of Scientific Research and Innovative Technology, 5 No. 3, , 90-109*.
- Shaeri, J., Yaghoubi, M., Aflaki, A., & Habibi, A. (2018). Evaluation of Thermal Comfort in Traditional Houses in a Tropical Climate. *Buildings, 8 No.126, 1-23*. <https://doi.org/10.3390/buildings8090126>
- Song, J., Wang, W., Ni, P., Zheng, H., Zhou, Y., & Zhang, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect 8, 181–197*.
- Tolun, M. R., & Oztoprak, K. (2018). Expert Systems. *Chapter · December 2016, 1-12*. <https://doi.org/DOI: 10.1002/0471238961.0524160518011305.a01.pub2>
- Wijewardanea, & Jayainghe. (2017). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063, Vol. 33, Pages 2057-2063*. <https://doi.org/DOI: 10.1016/j.renene.2007.11.009>
- Wolkoff, P. (2024). Indoor air humidity revisited: Impact on acute symptoms, work productivity, and risk of influenza and COVID-19 infection. *International Journal of Hygiene and Environmental Health, Volume 256 (2024) 114313*. <https://doi.org/https://doi.org/10.1016/j.ijheh.2023.114313>

- Yuan, X., Liu, C., Nie, R., Yang, Z., Li, W., Dai, X., Cheng, J., Zhang, J., Ma, L., Fu, X., Tang, M., Xu, Y., & Lu, H. (2022). A Comparative Analysis of Certainty Factor-Based Machine Learning Methods for Collapse and Landslide Susceptibility Mapping in Wenchuan County, China. *Remote Sensing*, 14, 1-32. <https://doi.org/https://doi.org/10.3390/rs14143259>
- Zhang, J., Lu, J., Deng, W., Beccarelli, P., & Lun, I. Y. F. (2023). Thermal comfort investigation of rural houses in China: A review. *Building and Environment* 235 (2023).
- Zhao, Q., Lian, Z., & Lai, D. (2021). Thermal comfort models and their developments: A review. *Energy and Built Environment*, Vol.2 Tahun 2021, Page 21–33. <https://doi.org/https://doi.org/10.1016/j.enbenv.2020.05.007>
- Zhao, W., Liu, J., Zhang, B., Jian, C., Hui Zhang, & Du, X. (2024). Evaluation and application research on thermal comfort of mining face in hot and humid mines. *Case Studies in Thermal Engineering*, Case Studies in Thermal Engineering 59 <https://doi.org/http://creativecommons.org/licenses/by-nc/4.0/>.
- Zheng, X., Zhang, N., & Wang, X. (2022). Development of a modified thermal humidity index and its application to human thermal comfort of urban vegetation patches. *ECOSYSTEM HEALTH AND SUSTAINABILITY 2022*, VOL. 8, NO. 1, 2130095, Vol. 8, No. 1. <https://doi.org/https://doi.org/10.1080/20964129.2022.2130095>
- Arianto, M. F. (2020). Potensi Wilayah Pesisir di Negara Indonesia *Jurnal Geografi Volume XX Nomor XX 2020*, Page 1-7.
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2017). Determination Model of Suitable Coastal Transit-Oriented Development Location, Case Study: Paotere, Makassar. *Journal of Sustainable Development*; Vol. 10, No. 4; 2017, Vol. 10, No. 4; 2017, Pages 31-42. <https://doi.org/doi:10.5539/jsd.v10n4p31>
- Arief, A. B., Yudono, A., Akil, A., Ramli, I., & Rahim, A. (2018). Determining of The Suitable Location for The Development of Coastal Transit Oriented Development. *Journal of Urban and Environmental Engineering (JUEE)*, , v.12, n.2, , p.210-218. <https://doi.org/doi: 10.4090/juee.2018.v12n2.210218>
- Arifin, I. N., & Hidayat, S. (2018). Pengaruh Bukaam terhadap Kinerja Termal pada Masjid Jendral Sudirman *Vitruvian Jurnal Arsitektur, Bangunan, & Lingkungan*, Vol.7 No.2 Februari 2018 Pages 67-76.
- Asmal, I., Hamzah, B., & Ratna, H. (2022). Community Response to Thermal and Its Influence to Outdoor Use. *Civil Engineering and Architecture*, 10(3): 800-815, 2022, Pages 800-815. <https://doi.org/DOI: 10.13189/cea.2022.100305>

- Azizah, R. (2014). Kajian Kenyamanan Termal pada Rumah Tinggal dengan Model Innercourt. *Jurnal Arsitektur NALARs*, Volume 13 No 2 73-88.
- Bachtiar, A. A. F. (2024). A Model for Determining the Thermal Comfort of Fishermen's Houses on Coasts With Humid Tropical Climate. *Proceeding of International Conference on Multidisciplinary Research for Sustainable Innovation*, Vol. 1 No. 1 (2024) 431-440.
- Barnabas, Boyden, Bugnicourt, Costa Leite, T. Deelstra, D. Djoekardi, Y. Hassan, F. K. Kloutse, A. Krtilova, K. Meguro, J. Michelsen, & N. D. Peiris. (1989). Health Principles of Housing. *United Nations Centre for Human Settlements (Habitat)*, (Design and construction of housing,).
- Deng, Y., Wang, S., Bai, X., Tian, Y., Wu, L., Xiao, J., Chen, F., & Qian, Q. (2018). Relationship among land surface temperature and LUCC, NDVI in typical karst area. *SCientific REPOrTS* | (2018) 8:641 | DOI:10.1038/s41598-017-19088-x.
- Fatma, D. (2018). 8 Faktor yang Mempengaruhi Kelembapan Udara dan Penjelasannya. *Hidrologi*
- Fauzi, M., & Mussadun. (2021). Dampak Bencana Gempabumi dan Tsunami di Kawasan Pesisir Lere Kota Palu. *Jurnal Pembangunan Wilayah dan Kota*, Vol.17, No.1, 2021, 16- 24. <https://doi.org/https://ejournal.undip.ac.id/index.php/pwk/index>
- Gischa, S. (2022). Kelembapan Udara: Pengertian, Faktor, dan Jenisnya. *Kompas.com* <https://doi.org/https://www.kompas.com/skola/read/2022/09/22/160000369/kelembapan-udara--pengertian-faktor-dan-jenisnya>
- Hakim, L., Vitianingsih, A. V., & Marthasari, G. I. (2022). Analisis Spasial Untuk Klasifikasi Pengembangan Tempat Penampungan Sementara Menggunakan Metode Jaringan Syaraf Tiruan. *Jurnal Resti (Rekayasa Sistem dan Teknologi Informasi)*, Vol. 6 No. 1 (2022) 108 - 114
- Hamdy, M. A., Hamzah, B., Wikantari, R., & Mulyadi, R. (2023). Environmental Modeling and Thermal Comfort in Buildings in Hot and Humid Tropical Climates. *ARCHITECTURAL RESEARCH*, 25(4), 73-84.
- Hermawan, Eddy Prianto, & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *Procedia Engineering*, 125(Thermal comfort of wood-wall house), 725-731. <https://doi.org/10.1016/j.proeng.2015.11.114>
- Hermawan, Prianto, E., & Setyowati, E. (2015). Thermal comfort of wood-wall house in coastal and mountainous region in tropical area. *ScienceDirect, Procedia Engineering* 125 725 – 731.
- Hidayat, S. (2017). Faktor-faktor Kenyamanan Termal *SCRIBD*.

- Ismayanti, T., Sasmito, B., & Bashit, N. (2020). Evaluasi Ruang Terbuka Hijau terhadap Tingkat Kenyamanan Termal (Studi Kasus: Kota Semarang, Jawa Tengah). *Jurnal Geodesi Undip Januari 2020, Volume [9], Nomor [1], Tahun 2020*, , 136-145.
- Jeong, Y., Lee, G., & Kim, S. (2015). Analysis of the Relation of Local Temperature to the Natural Environment, Land Use and Land Coverage of Neighborhoods. *Journal of Asian Architecture and Building Engineering/January 2015/40, JAABE vol.14 no.1 January 2015*, 33-40.
- Jicai, Zhiqiang, Ran, Fuxiang, & Meng. (2017). Analysis of relationships between land surface temperature and land use changes in the Yellow River Delta. *Research Article* <https://doi.org/DOI> 10.1007/s11707-017-0657-9
- Kalumata, T. J., & Indarwanto, M. (2016). Pengaruh Lebar Sirkulasi terhadap Aliran Angin pada Permukiman Padat Nelayan, Studi Kasus Permukiman Pasar Ikan, Penjaringan, Jakarta Utara. *Jurnal Arsitektur Bangunan & Lingkungan, Vitruvian Vol.5 No.3 Juni 2016*, Pages 105-162.
- Kanisius Karyono, Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future [Journal]. *Developments in the Built Environment*, 4(thermal comfort), 1-12. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Kartika, Q. A. y., Hidayat, R., & Virgiyanto, R. H. (2021). Perubahan *Temperature Humadity Index (THI)* di Pulau Jawa sejak 1981 hingga 2019. *Majalah Geografi Indonesia Vo. 35, No. 2, September 2021 (104-111)*. <https://doi.org/DOI>: 10.22146/mgl.63432
- Karyono, K., Abdullah, B. M., Cotgrave, A. J., & Bras, A. (2020). The adaptive thermal comfort review from the 1920s, the present, and the future. *Developments in the Built Environment*. <https://doi.org/https://doi.org/10.1016/j.dibe.2020.100032>
- Karyono, T. H. (2016). Kenyamanan Termal dalam Arsitektur Tropis *Artikel dalam buku Arsitektur dan Kota Tropis Dunia Ketiga: Suatu Bahasan tentang Indonesia, PT Raja Grafindo*.
- Kuhne, T. (2015). What is a Model ? <http://drops.dagstuhl.de/opus/volltexte/2005/23>.
- Kumar, S., & Prasad, R. (2015). Importance of Expert System Shell in Development of Expert System. *International Journal of Innovative Research and Development Vol 4 Issue 3*, 128-133.
- Latif, S., Hamzah, B., Rahim, R., & Mulyadi, R. (2019). Thermal Comfort Identification of Traditional Bugis House in Humid Tropical Climate. *Tesa Arsitektur Journal of Architectural Discourses, Vol 17, No 1*.

- Long, D., & Scott, Z. (2011). A Primer for Model-Based Systems Engineering, 2nd Edition. *Vitech Corporation Research and Education Council, 2nd Edition, 1-107.* .
- Lucas, P., & Gaag, L. v. d. (1991). Principles of Expert Systems. *Centre for Mathematics and Computer Science, Amsterdam, published in 1991 by Addison-Wesley (copyright returned to the authors).*
- McGregor, G. R., & Nieuwolt, S. (1998). Tropical Climatology: An Introduction to the Climates of the Low Latitudes, 2nd Edition.
- Mendea, H., Peters, A., Ibrahim, F., & Schmitta, R. H. (2022). Integrating deep learning and rule-based systems into a smart devices decision support system for visual inspection in production. *ScienceDirect Elsevier f32nd CIRP Design Conference Procedia CIRP 109 (2022) 305–310.* <https://doi.org/10.1016/j.procir.2022.05.254>
- Nadir Bonaccorso, & Graça., G. C. d. (2022). Low-cost DIY thermal upgrades for overheating mitigation in slum houses in Latin America & Caribbean [Journal]. *Energy & Buildings, 271(Low-cost DIY thermal upgrades), 1-16.* <https://doi.org/https://doi.org/10.1016/j.enbuild.2022.112319>
- Nadjmi, N., Kurnia, T. D., & Pongtengko, V. (2019). Pengaruh Iklim terhadap Bentuk dan Material Rumah di Permukiman Pesisir Pulau Lakkang Kota Makassar. *IPLBI Volume 7*, halaman E 041-047.
- Schneider, G. (2019). Healthy Housing Environment in Sustainable Design. *IOP Conf. Series: Materials Science and Engineering 471 (2019) 092083.* <https://doi.org/doi:10.1088/1757-899X/471/9/092083>
- Seitabliev, M. Ö., & Umarogullari, F. (2018). Thermal Comfort and Indoor Air Quality. *International Journal of Scientific Research and Innovative Technology, Vol. 5 No. 3; March 2018.*
- Sumampouw, & Jeini Ester Nelwan. (2015). Eksplorasi Masalah Kesehatan Masyarakat di daerah Pesisir Kota Manado.
- Talarosha, B. (2005). Menciptakan Kenyamanan Termal dalam Bangunan *Jurnal Sistem Teknik Industri Volume 6, No. 3 Juli 2005, Pages 148-158.* <https://doi.org/https://www.researchgate.net/publication/42362832>
- Wanga, J. S. W., Nib, P., Zhengc, H., Zhoua, Y., & Zhanga, Y. (2022). Study on optimization method of summer nature ventilation for residential buildings in typical thermal zone of Xinjiang, China. *ScienceDirect 8*, 181–197.
- Wijewardanea, & Jayainghe. (2008). Thermal comfort temperature range for factory workers in warm humid tropical climates. *Renewable Energy 33 (2008) 2057–2063, Vol. 33, Pages 2057-2063.* <https://doi.org/DOI:10.1016/j.renene.2007.11.009>

- www.hse.gov.uk. (2023).
file:///C:/Users/LENOVO/Downloads/Temperature_%20Thermal%20comfort
.html *Thermal Comfort*
- Zhang, J., Lu, J., Deng, W., Beccarelli, P., & Lun, I. Y. F. (2023). Thermal comfort investigation of rural houses in China: A review. *Building and Environment* 235 (2023).
- Zheng, X., Zhang, N., & Wang, X. (2022). Development of a modified thermal humidity index and its application to human thermal comfort of urban vegetation patches. *ECOSYSTEM HEALTH AND SUSTAINABILITY* 2022, VOL. 8, NO. 1, 2130095, Vol. 8, No. 1.
<https://doi.org/https://doi.org/10.1080/20964129.2022.2130095>