

DAFTAR PUSTAKA

- [1] Puteh M., Che Ahmad C. N., Mohamed Noh N., Adnan M., dan Ibrahim M. H., “*The Classroom Physical Environment and Its Relation to Teaching and Learning Comfort Level*”, *International Journal of Social Science and Humanity* Vol.5 No.3, Maret 2015
- [2] Al Horr, Y., Arif, M., Kaushik, A., Mazroei, A., Katafygiotou, M., & Elsarrag, E. (2016). “*Occupant productivity and office indoor environment quality: A review of the literature. Building and Environment*”, 105, 369–389.
- [3] American National Standards Institutes. “*Thermal Environmental Conditions for Human Occupancy*”, 2017.
- [4] Badan Standar Nasional. “SNI 03-6572-2001 Tata Cara Perancangan Sistem Ventilasi dan Pengondisian Udara pada Bangunan Gedung”. 2001
- [5] Netam, N., Sanyal, S., & Bhowmick, S. “*A PMV-PPD model based study of thermal comfort in Low-Income Group house in Chhattisgarh*”. (2018). *MATEC Web of Conferences*, 172, 06006.doi:10.1051/mateconf/201817206006.
- [6] Mehta, P., Zhang, D. X., Thomas, R., Jadhav, N., Lee, J., Conaghan, C., & Rawte, R. (2017). *Harvesting 3D Multiphysics Modeling Techniques for Smart and Sustainable University Campus. Energy Procedia*, 143, 851–858.
- [7] Cinzia Buratti, Domenico Palladino, dan Elisa Moretti. “Prediction Of Indoor Conditions And Thermal Comfort Using CFD Simulations: A Case Study Based On Experimental Data.” *Energy Procedia*, 126: 115–122, 2017.
- [8] Jiafang Song, Xiangquan Meng. “The Improvement of Ventilation Design in School Buildings Using CFD Simulation.’ *Procedia Engineering* 121 (2015) 1475 – 1481.
- [9] Z Ge, G Xu, H J Poh, C C Ooi, dan X Xing. “CFD simulations of thermal comfort for naturally ventilated school buildings.” *IOP Conference Series: Earth and Environmental Science* 238 (2019) 012073.
- [10] Tri Harso Karyono. “*Report on thermal comfort study in Bandung, Indonesia.*” 2005.

- [11] Muhammad Attar. “Kenyanaman Termal Ruang Kuliah dengan Pengondisian Buatan.” 2015.
- [12] Tri Harso Karyono, Elita Sri, Jevi G. S. dan Yenny T. “*Termal Comfort Studies in Naturally Ventilated Buildings in Jakarta, Indonesia.*” *Building*, 5, 917-932, 2015.
- [13] *Apache Table User Guide*. Dokumen Teknis, Integrated Environmental Solutions Limited, 2015.
- [14] Badan Standar Nasional. “SNI 03- 6389- 2000 Konservasi Energi Selubung Bangunan Pada Bangunan Gedung,” 2000. (resistansi termal)
- [15] Badan Meteorologi, Klimatologi, dan Geofisika. *Suhu Minimum, Rata-Rata, dan Maksimum di Stasiun Pengamatan BMKG (°C), 2011-2015*. Badan Pusat Statistik. Diakses dari <https://www.bps.go.id/statictable/2017/02/09/1961/suhu-minimum-rata-rata-dan-maksimum-di-stasiun-pengamatan-bmkg-oc-2011-2015.html>, 9 Oktober 2019.
- [16] Stasiun Klimatologi Klas I Semarang. *Kelembapan Udara Rata-Rata Menurut Stasiun di Jawa Tengah, 2010 - 2016 (Persen)*. Badan Pusat Statistik. Diakses dari <https://jateng.bps.go.id/statictable/2017/10/31/1656/kelembapan-udara-rata-rata-menurut-stasiun-di-jawa-tengah-2010--2016-persen>, 9 Oktober 2019.
- [17] Syeda Firdaus Fatima dan Hassam Nasarullah Chaudhry. “Steady-State CFDModelling dan Experimental Analysis of the Local Microclimate in Dubai (UAE).” *Sustainable Buildings*, 2: 5, 2017. (Pengaturan tipe mode turbulensi).
- [18] *CFD : Microflo User Guide*. Dokumen Teknis, Integrated Environmental Solutions Limited, 2015. (Model turbulensi dan aspect ratio).
- [19] “Index of /~nwb/Lectures/GoodPracticeCFD/Articles” diakses pada 14 Agustus, 2018 dari <http://www.southampton.ac.uk/~nwb/lectures/GoodPracticeCFD/Articles/> .
- [20] CIBSE Guide A. *Environmental Design*. The Chartered Institution of Building Services Engineers London, Norwich, 2006.
- [21] *ApLocate*. Dokumen Teknis, Integrated Environmental Solutions Limited, 2015.
- [22] Photovoltaic Geographical Information System. *Hourly Radiation Data*. European Commision. Diakses dari http://re.jrc.ec.europa.eu/pvg_tools/en/tools.html, 1 Agustus 2019.

- [23] ASHRAE Handbook Staff. ASHRAE Fundamental Handbook 2017 (SI Unit). American Society of Heating, Refrigerating and Air-Conditioning Engineers, 2017.
- [24] International Standard Organization. “ISO 7730”.
- [25] Theodore L. Bergman, Adrienne S. Lavine, Frank P. Incropera, dan David P. DeWitt. *Fundamentals of Heat and Mass Transfer*. John Wiley Sons, Inc, 2011.
- [26] Nanang Mahardika. “Simulasi Numerik Aliran 3D Untuk Kondisi Quasi Steady Dan Unsteady Pada Turbin Uap Aksial,” 2007.
- [27] M. Barbason, S. Reiter, S. Reiter, U. De Liège, dan C. Chevreuils, “Coupling building energy simulation and computational fluid dynamics : application to a two-storey house in a temperate climate Mail : mbarbason@ulg.ac.be,” vol. 75, 2014.
- [28] P. Fang, T. Liu, K. Liu, Y. Zhang, dan J. Zhao, “A Simulation Model to Calculate Temperatur Distribution of an Air-conditioned Room,” 2016 8th Int. Conf. Intell. Human-Machine Syst. Cybern., vol. 01, no. 2, pp. 378–381, 2016.