



DAFTAR PUSTAKA

- Ahrens, C. D. (2009). *Meteorology today : an introduction to weather, climate, and the environment* (9th editio). Eighth edition. Belmont, CA : Thomson/Brooks/Cole, [2007] ©2007.
<https://search.library.wisc.edu/catalog/9910037753402121>
- Ahrens, C. D. (2013). Meteorology Today. In *Journal of Chemical Information and Modeling* (Vol. 53, Nomor 9, hal. 1689–1699).
- Alexander, P. J., & Mills, G. (2014). Local climate classification and Dublin's urban heat island. *Atmosphere*, 5(4), 755–774.
<https://doi.org/10.3390/atmos5040755>
- Balchin, W. G. V, & Pye, N. (1947). A micro-climatological investigation of bath and the surrounding district. *Quarterly Journal of the Royal Meteorological Society*, 73(317-318), 297–323.
<https://doi.org/https://doi.org/10.1002/qj.49707331706>
- Bintarto, R. (1987). *Metode Analisa Geografi*. LP3ES.
- Bokwa, A., Wypych, A., & Hajto, M. J. (2018). Role of fog in urban heat island modification in Kraków, Poland. *Aerosol and Air Quality Research*, 18(1), 178–187. <https://doi.org/10.4209/aaqr.2016.12.0581>
- Brown, M. J., Grimmond, S., & Ratti, C. (2001). Comparison of Methodologies for Computing Sky View Factor in Urban Environments. *International Symposium on Environmental Hydraulics*, 6.
<https://www.osti.gov/biblio/783427>
- Cai, Y., Zhang, H., Zheng, P., & Pan, W. (2016). Quantifying the Impact of Land use/Land Cover Changes on the Urban Heat Island: A Case Study of the Natural Wetlands Distribution Area of Fuzhou City, China. *Wetlands*, 36(2), 285–298. <https://doi.org/10.1007/s13157-016-0738-7>
- Chandler, T. J. (1961). The Changing Form of London's Heat-island. *Geography*, 46(4), 295–307. <http://www.jstor.org/stable/40565541>
- Danodeoro, P. (2012). *Pengantar Penginderaan Jauh Digital*. Andi.
- Dorning, M. A., Koch, J., Shoemaker, D. A., & Meentemeyer, R. K. (2015).



Simulating urbanization scenarios reveals tradeoffs between conservation planning strategies. *Landscape and Urban Planning*, 136, 28–39. <https://doi.org/10.1016/j.landurbplan.2014.11.011>

Dos Santos Cardoso, R., & De Costa Trindade Amorim, M. C. (2018). Urban heat Island analysis using the ‘local climate zone’ scheme in presidente prudente, Brazil. *Investigaciones Geograficas*, 69, 107–118. <https://doi.org/10.14198/INGEO2018.69.07>

Dou, J., Wang, Y., Bornstein, R., & Miao, S. (2015). Observed spatial characteristics of Beijing urban climate impacts on summer thunderstorms. *Journal of Applied Meteorology and Climatology*, 54(1), 94–105. <https://doi.org/10.1175/JAMC-D-13-0355.1>

Fenner, D., Meier, F., Bechtel, B., Otto, M., & Scherer, D. (2017). Intra and inter “local climate zone” variability of air temperature as observed by crowdsourced citizen weather stations in Berlin, Germany. *Meteorologische Zeitschrift*, 26(5), 525–547. <https://doi.org/10.1127/metz/2017/0861>

Fernando, H. J. S., Zajic, D., Di Sabatino, S., Dimitrova, R., Hedquist, B., & Dallman, A. (2010). Flow, turbulence, and pollutant dispersion in urban atmospheres. *Physics of Fluids*, 22(5), 1–20. <https://doi.org/10.1063/1.3407662>

Gentry, C. L., Wilkins, L. H., & Lukas, R. J. (2003). Effects of Prolonged Nicotinic Ligand Exposure on Function of Heterologously Expressed, Human $\alpha 4\beta 2$ - and $\alpha 4\beta 4$ -Nicotinic Acetylcholine Receptors. *Journal of Pharmacology and Experimental Therapeutics*, 304(1), 206–216. <https://doi.org/10.1124/jpet.102.041756>

Grimmond, S. (2007). Urbanization and global environmental change: Local effects of urban warming. *Geographical Journal*, 173(1), 83–88. https://doi.org/10.1111/j.1475-4959.2007.232_3.x

Hilberg, S. D. (1978). Diurnal temperature and moisture cycles. *Summary of METROMEX*, 2, 25–42.

Jatmiko, R. H. (2016). *Penggunaan Citra Saluran Inframerah Termal untuk Studi Perubahan Liputan Lahan dan Suhu sebagai Indikator Perubahan Iklim*



Perkotaan di Yogyakarta. Universitas Gadjah Mada.

- Kim, J. J., & Baik, J. J. (1999). A numerical study of thermal effects on flow and pollutant dispersion in urban street canyons. *Journal of Applied Meteorology*, 38(9), 1249–1261. [https://doi.org/10.1175/1520-0450\(1999\)038<1249:ANSOTE>2.0.CO;2](https://doi.org/10.1175/1520-0450(1999)038<1249:ANSOTE>2.0.CO;2)
- Marwasta, D. (2018). The Influence of Yogyakarta Urban Physical Development to Residential Comfort. *KnE Social Sciences*, 3(5), 175. <https://doi.org/10.18502/kss.v3i5.2332>
- Oke, T. R. (1973). City size and the urban heat island. *Atmospheric Environment* (1967), 7(8), 769–779. [https://doi.org/10.1016/0004-6981\(73\)90140-6](https://doi.org/10.1016/0004-6981(73)90140-6)
- Oke, T. R. (1982). The energetic basis of the urban heat island. *Quarterly Journal of the Royal Meteorological Society*, 108(455), 1–24. <https://doi.org/10.1002/qj.49710845502>
- Oke, T. R. (1987). *Boundary Layer Climates* (2nd ed.). Methuen & Co, Ltd.
- Oke, T. R. (1988). The urban energy balance. *Progress in Physical Geography: Earth and Environment*, 12(4), 471–508. <https://doi.org/10.1177/030913338801200401>
- Oke, T. R., Johnson, G. T., Steyn, D. G., & Watson, I. D. (1991). Simulation of surface urban heat islands under ‘ideal’ conditions at night part 2: Diagnosis of causation. *Boundary-Layer Meteorology*, 56(4), 339–358. <https://doi.org/10.1007/BF00119211>
- Oke, T. R., Rouse, W. R., & Bailey, W. G. (1997). *The Surface Climates of Canada*. McGill-Queen’s University Press.
- Putra, D. R., & Pradoto, W. (2016). Pola Dan Faktor Perkembangan Pemanfaatan Lahan Di Kecamatan Mranggen, Kabupaten Demak. *Jurnal Pengembangan Kota*, 4(1), 67. <https://doi.org/10.14710/jpk.4.1.67-75>
- Roth, M. (2007). Review of urban climate research in (sub)tropical regions. *International Journal of Climatology*, 27(14), 1859–1873. <https://doi.org/https://doi.org/10.1002/joc.1591>
- Roth, M., & Chow, W. T. L. (2012). A historical review and assessment of urban heat island research in Singapore. 33, 381–397.



<https://doi.org/10.1111/sjtg.12003>

Salleh, S. A., Abd.Latif, Z., Mohd, W. M. N. W., & Chan, A. (2013). Factors Contributing to the Formation of an Urban Heat Island in Putrajaya, Malaysia. *Procedia - Social and Behavioral Sciences*, 105, 840–850. <https://doi.org/10.1016/j.sbspro.2013.11.086>

Sani, S. (1987). *Urbanization and the atmospheric environment in the low tropics : experiences from the Kelang Valley Region, Malaysia / Sham Sani*. Universiti Kebangsaan Malaysia.

Stanganelli, M., & Soravia, M. (2012). *Connections between Urban Structure and Urban Heat Island Generation: An Analysis through Remote Sensing and GIS BT - Computational Science and Its Applications – ICCSA 2012* (B. Murgante, O. Gervasi, S. Misra, N. Nedjah, A. M. A. C. Rocha, D. Taniar, & B. O. Apduhan (ed.); hal. 599–608). Springer Berlin Heidelberg.

Stewart, I D, & Oke, T. R. (2012). Local Climate Zones for Urban Temperature Studies. *Bulletin of the American Meteorological Society*, 93(12), 1879–1900. <https://doi.org/10.1175/BAMS-D-11-00019.1>

Stewart, Iain D., Oke, T. R., & Krayenhoff, E. S. (2014). Evaluation of the “local climate zone” scheme using temperature observations and model simulations. *International Journal of Climatology*, 34(4), 1062–1080. <https://doi.org/10.1002/joc.3746>

Stewart, Iain Douglas. (2011). Redefining the Urban Heat Island. *October, October*, 1–352. <https://circle.ubc.ca/handle/2429/38069>

Tjasyono, B. (2004). *Klimatologi* (2nd ed.). ITB.

United Nations. (2018). *Press Release on Population*. <https://esa.un.org/unpd/wup/>

Wang, K., Aktas, Y. D., Stocker, J., Carruthers, D., Hunt, J., & Malki-Epshtain, L. (2019). Urban heat island modelling of a tropical city: Case of kuala lumpur. *Geoscience Letters*, 6(1), 1–11. <https://doi.org/10.1186/s40562-019-0134-2>

Wang, Y., Berardi, U., & Akbari, H. (2016). Comparing the effects of urban heat island mitigation strategies for Toronto, Canada. *Energy and Buildings*, 114, 2–19. <https://doi.org/10.1016/j.enbuild.2015.06.046>

Weng, Q. (2001). A remote sensing?GIS evaluation of urban expansion and its



impact on surface temperature in the Zhujiang Delta, China. *International Journal of Remote Sensing*, 22(10), 1999–2014.
<https://doi.org/10.1080/713860788>

Wu, J. (2010). Urban sustainability: An inevitable goal of landscape research. *Landscape Ecology*, 25(1), 1–4. <https://doi.org/10.1007/s10980-009-9444-7>

Yamashita, S. (1990). The Urban Climate of Tokyo. *Geographical review of Japan, Series B.*, 63(1), 98–107. <https://doi.org/10.4157/grj1984b.63.98>

Yang, P., Ren, G., & Hou, W. (2017). Temporal-spatial patterns of relative humidity and the urban dryness island effect in Beijing City. *Journal of Applied Meteorology and Climatology*, 56(8), 2221–2237.
<https://doi.org/10.1175/JAMC-D-16-0338.1>

Yunus, H. S. (2000). *Struktur Tata Ruang Kota*. Pustaka Pelajar.

Yunus, H. S. (2005). *Manajemen kota : Perspektif Spasial*. Pustaka Pelajar.

Yunus, H. S. (2008). *Dinamika Wilayah Peri-urban Determinan Masa Depan Kota*. Pustaka Pelajar.