

- Akbari, H., Cartalis, C., Kolokotsa, D., Muscio, A., Pisello, A.L., Rossi, F., Santamouris, M., Synnefa, A., Wong, N.H., dan Zinzi, M., 2016. Local climate change and urban heat island mitigation techniques - The state of the art. *Journal of Civil Engineering and Management*, 22 (1), 1–16.
- Al-Ramahy, Z.A., 2024. Evolution the Relationship Between Physiologically Equivalent Temperature and Some Meteorological Parameters for Basra City, Iraq. *Al-Mustansiriyah Journal of Science*, 35 (2), 108–115.
- Amanda, D.R., Maulidi, C., dan Nugroho, A.M., 2017. Pengaruh Urban Configuration Kampung Kolonial Terhadap Iklim Mikro di Kota Surabaya, 9 (0341), 50–60.
- Andrés-Anaya, P., Sánchez-Aparicio, M., del Pozo, S., dan Lagüela, S., 2021. Correlation of Land Surface Temperature with IR Albedo for the Analysis of Urban Heat Island. In: *The 16th International Workshop on Advanced Infrared Technology & Applications*. Basel Switzerland: MDPI, 9.
- Azam, M.-H., Bernard, J., Morille, B., Musy, M., dan Andrieu, H., 2018. A pavement-watering thermal model for SOLENE-microclimat: Development and evaluation. *Urban Climate*, 25, 22–36.
- Bruse, Michael, 2004. Overview30, (March), 1–12.
- BYJU’S, 2020. Heat Transfer-Radiation, Convection and Conduction [online]. Available from: <https://byjus.com/physics/heat-transfer-conduction-convection-and-radiation/> [Diakses 30 Jun 2024].
- Choi, J., Lee, J., Kim, M., Lee, J., dan Cho, Y., 2024. Analysis of Rainwater Quality and Temperature Reduction Effects Using Rainwater Harvesting Facilities. *Buildings*, 14 (10), 3183.
- Chu, L., 2013. Effect of Watering Intensity on Characteristics of Water and Salt Movement Under Sprinkle Irrigation in Coastal Soil.
- Clancey, G., Chang, J.-H., dan Chee, L.P., 2024. Heat and the city: Thermal control, governance and health in urban Asia. *Urban Studies*, 61 (15), 2857–2867.
- Deb, C. dan Alur, R., 2010. The significance of Physiological Equivalent Temperature (PET) in outdoor thermal comfort studies. *Chirag Deb et. al. / International Journal of Engineering Science and Technology*, 2 (7), 2825–2828.
- Gambatese, J.A. dan James, D.E., 2001. Dust Suppression Using Truck-Mounted Water Spray System. *Journal of Construction Engineering and Management*, 127 (1), 53–59.
- Geographic, N., 2018. PBB: 68% Populasi Dunia Akan tinggal di Area Perkotaan pada 2050 [online]. Available from: <https://nationalgeographic.grid.id/read/13673071/pbb-68-populasi-dunia-akan-tinggal-di-area-perkotaan-pada-2050>.
- Giorio, M., 2023. Climate Mitigation Strategies : The Use of Cool Pavements.
- Di Giuseppe, E., Ulpiani, G., Cancellieri, C., Di Perna, C., D’Orazio, M., dan Zinzi, M., 2021.

Numerical modelling and experimental validation of the microclimatic impacts of water mist cooling in urban areas. *Energy and Buildings*, 231, 110638.

Google Earth, 2024. GOOGLE EARTH [online].

Hendel, M., 2015. Pavement-Watering in Cities for Urban Heat Island Mitigation and Climate Change L'arrosage urbain comme moyen de limitation des îlots de chaleur urbains et d'adaptation au changement climatique.

Hendel, M., Colombert, M., Diab, Y., dan Royon, L., 2014. Urban Climate Improving a pavement-watering method on the basis of pavement surface temperature measurements, 10, 189–200.

Hendel, M., Cooling, P., Review, E.A., dan Hendel, M., 2017. Pavement-Watering for Cooling the Built Environment : A Review To cite this version : Pavement-Watering for Cooling the Built Environment : A Review.

Hendel, M., Gutierrez, P., Colombert, M., Diab, Y., dan Royon, L., 2016. Measuring the effects of urban heat island mitigation techniques in the field: Application to the case of pavement-watering in Paris. *Urban Climate*, 16, 43–58.

Hendel, M.A., Colombert, M., Diab, Y., dan Royon, L., 2015. Measurement of the cooling efficiency of pavement-watering as an urban heat island mitigation technique. *Journal of Sustainable Development of Energy, Water and Environment Systems*, 3 (1), 1–11.

Hidayati, B., Baharuddin, dan Wahyudi, R., 2020. Analisis Kelembaban Udara Pada Proses Dehumidifikasi Kentang Menggunakan Sistem Refrigerasi. *Jurnal Austenit*, 12 (1), 1–6.

Hoehne, C.G., Chester, M. V., Sailor, D.J., dan King, D.A., 2022. Urban Heat Implications from Parking, Roads, and Cars: a Case Study of Metro Phoenix. *Sustainable and Resilient Infrastructure*, 7 (4), 272–290.

Ioannis, K., 2022. Validation of ENVI-met microscale model with in-situ measurements in warm thermal conditions across Athens area. *Proceedings of the 17th International Conference on Environmental Science and Technology*.

Jayasooriya, V.M., Sirimanne, A.P., Silva, R.M., dan Muthukumaran, S., 2024. Role of Urban Trees in Enhancing the Thermal Comfort of Rapidly Urbanizing Cities: An Analysis of Tropical Asian Tree Species Based on Physiological Equivalent Temperature (PET). *Arboriculture & Urban Forestry*, 50 (5), 326–345.

Kurazumi, Y., Kondo, E., Fukagawa, K., Yamato, Y., Tobita, K., dan Tsuchikawa, T., 2019. Effects of Outdoor Thermal Environment upon the Human Responses. *Engineering*, 11 (08), 475–503.

Lee, K.W., Craver, V.O., Kohm, S., dan Chango, H., 2010. Cool Pavements As a Sustainable Approach to Green Streets and Highways. In: *Green Streets and Highways 2010*. Reston, VA: American Society of Civil Engineers, 235–247.

Lin, J., Li, D., dan Brown, R.D., 2022. Microclimatic Landscape Architecture: From Theory to Application. *Urban Science*, 6 (1), 9.

Liu, D., Hu, S., dan Liu, J., 2020. Contrasting the performance capabilities of urban radiation

field between three microclimate simulation tools. *Building and Environment*, 175, 106789.

- Liu, Y., Ma, H., Zhang, C., dan Luo, X., 2022. Watering on porous pavement for improvement of environmental human thermal comfort in an ecological community in arid area: A case study in Lanzhou, China. *Sustainable Cities and Society*, 85 (July), 104081.
- Liu, Z., Cheng, W., Jim, C.Y., Morakinyo, T.E., Shi, Y., dan Ng, E., 2021. Heat mitigation benefits of urban green and blue infrastructures: A systematic review of modeling techniques, validation and scenario simulation in ENVI-met V4. *Building and Environment*, 200, 107939.
- Liu, Z., Tian, Y., Ma, B., Si, W., dan Wang, X., 2021. Numerical Analysis of Temperature Reduction Effect of Permeable Pavements.
- Lu, Y., Qin, Y., Huang, C., dan Pang, X., 2023. Albedo of Pervious Concrete and Its Implications for Mitigating Urban Heat Island. *Sustainability*, 15 (10), 8222.
- Mohajerani, A., Bakaric, J., dan Jeffrey-Bailey, T., 2017. The urban heat island effect, its causes, and mitigation, with reference to the thermal properties of asphalt concrete. *Journal of Environmental Management*, 197, 522–538.
- Na, M.S., Shin, D.U., dan Kim, Y.G., 2021. Study on the effect of timestep and thermography method for pavement watering technology. *Urban Climate*, 39 (July 2020).
- Näher, A.-F., Vorisek, C.N., Klopfenstein, S.A.I., Lehne, M., Thun, S., AlSalamah, S., Pujari, S., Heider, D., Ahrens, W., Pigeot, I., Marckmann, G., Jenny, M., Renard, B., von Kleist, M., Wieler, L.H., dan Grabenhenrich, L., 2022. Secondary Data for Global Health Digitalization. *SSRN Electronic Journal*.
- Nurjanah, 2021. Analisis Kepuasan Konsumen dalam Meningkatkan Pelayanan Pada Usaha Laundry Bunda Nurjanah. *Jurnal Mahasiswa*, 1, h. 5.
- Nurrahma, S., 2024. Dampak Variasi Albedo Permukaan Jalan Terhadap Performa Termal Perkerasan: Pemodelan Microclimate Menggunakan ENVI-MET.
- Paramita, B., Kusuma, H.E., dan Matzarakis, A., 2022. Urban performance based on biometeorology index in high-density, hot, and humid cities. *Sustainable Cities and Society*, 80, 103767.
- Pradipta, jordy, 2024. Meteorology Today oleh C. Donald Ahrens. *Jurnal ilmu komputer dan informasi*, 12.
- Prastyo, E., 2020. Analysis of the Effect Amount of Plate, Diameter Port, and Width of Compression on Intercooler Performance in Pt Indonesia Power. *Journal of Green Science and Technology*, 4 (2), 77–82.
- Rahman, T., Dawson, A., Thom, N., Sudibyoy, T., Carvajal-Munoz, J.S., Suwanto, F., dan Ahmed, I., 2023a. Spray water cooling of newly laid asphalt pavement for rapid opening to traffic. *Road Materials and Pavement Design*, 24 (4), 1103–1129.
- Rahman, T., Dawson, A., Thom, N., Sudibyoy, T., Carvajal-Munoz, J.S., Suwanto, F., dan Ahmed, I., 2023b. Spray water cooling of newly laid asphalt pavement for rapid opening

- Raman, A.P., Anoma, M.A., Zhu, L., Rephaeli, E., dan Fan, S., 2014. Passive radiative cooling below ambient air temperature under direct sunlight. *Nature*, 515 (7528), 540–544.
- Saha, L., Desai, M., Dhorde, A., Saha, L., Desai, M., dan Dhorde, A., 2024. Pune City ' s Microclimate : An Assessment of Selected Local Climate Zones Using ENVI-Met Pune City ' s Microclimate : An Assessment of Selected Local Climate Zones Using ENVI-Met.
- Shamsaei, M., Carter, A., dan Vaillancourt, M., 2022. A review on the heat transfer in asphalt pavements and urban heat island mitigation methods. *Construction and Building Materials*, 359 (October), 129350.
- Singh, M., Yousuf, A., Singh, H., Singh, S., Hartsch, K., von Werner, M., Almaliki, A.H., Elnaggar, A.Y., Hussein, E.E., dan Ali, H.R., 2022. Simulation Accuracy of EROSION-3D Model for Estimation of Runoff and Sediment Yield from Micro-Watersheds. *Water*, 14 (3), 280.
- Suarma, U., Hapsarini, S.A., Isnastuti, N.L., Ikhvani, H.R., dan Durrotunafisah, 2019. Urban Heat Islands analysis towards topographic based land use change and daily commute effect along the Kaliurang Street in Yogyakarta. *IOP Conference Series: Earth and Environmental Science*, 303 (1), 012032.
- Suhada, S.T., Yendri Sudiar, N., Hamdi, dan Dwiridal, L., 2023. Thermal Comfort Index Analysis of Padang City Coastal Tourism Area Using the Physiological Equivalent Temperature (PET) Method. *Journal of Climate Change Society*, 1 (1), 29–40.
- Takebayashi, H., Mori, H., dan Tozawa, U., 2023. Study on An Effective Roadway Watering Scheme for Mitigating Pedestrian Thermal Comfort According to the Street Configuration. *Atmosphere*, 14 (6).
- Thom, E.C., 1959. The Discomfort Index. *Weatherwise*, 12 (2), 57–61.
- Trails, E., Nice, K.A., Tapper, N., dan Arblaster, J.M., 2024. Pavement watering as an urban heat mitigation technique. *Urban Climate*, 56, 102042.
- Ulima, T., 2016. Performa Thermal Elemen Terbangun Pada Iklim Mikro-Urban Untuk Persiapan Mitigasi Pulau Bahang Kota (Studi Kasus Malioboro). Universitas Gadjah Mada.
- WANG Yening, 王业宁, SUN Ranhao, 孙然好, dan CHEN Liding, 陈利顶, 2017. The impact of vehicle emissions on microclimate in Beijing metropolis. *Acta Ecologica Sinica*, 37 (3).
- Xu, D., Wang, Y., Zhou, D., Wang, Y., Zhang, Q., dan Yang, Y., 2024. Influences of urban spatial factors on surface urban heat island effect and its spatial heterogeneity: A case study of Xi'an. *Building and Environment*, 248 (28), 111072.