

DAFTAR PUSTAKA

- Abduh, M. N. (2018). *Ilmu dan rekayasa lingkungan*. (Vol. 1). Makassar: Sah Media.
- Ahmad, A. (2017). *Studi Reduksi PM_{2,5} Udara Ambien oleh Ruang Terbuka Hijau di Kawasan Industri PT. Petrokimia Gresik*. (Skripsi Sarjana, Institut Teknologi Sepuluh Nopember: Surabaya).
- Al Jallad, F., Al-Katheeri, E., & Al-Omar, M. (2013). *Concentrations of particulate matter and their relationships with meteorological variables*. *J. Sustainable Environment Research*, 23(3), 191-198.
- Amalia, A., & Femmy M. B. (2021). *Pengaruh faktor meteorologis terhadap perubahan konsentrasi PM10 periode sebelum dan saat PSBB di Kota Surabaya dan sekitarnya*. *Buletin GAW Bariri (BGB)*, 2(1), 24-36.
- Amin, M., Handika, R. A., Putri, R. M., Phairuang, W., Hata, M., Tekasakul, P., & Furuuchi, M. (2021). *Size-segregated particulate mass and carbonaceous components in roadside and riverside environments*. *Applied Sciences*, 11(21), 10214.
- Amin, M. 2022. *Investigation of status, characteristic, and emission sources of airborne ultrafine particles in Indonesia* (Doctoral dissertation, Division of Environmental Design, Kanazawa University: Japan).
- Badan Pusat Statistik Kota Padang. (2023). *Kota Padang Dalam Angka 2023*. BPSK: Padang.
- Badan Pusat Statistik Kota Padang. (2024). *Kota Padang Dalam Angka 2024*. BPSK: Padang.
- Bălă, G. P., Râjnoaveanu, R. M., Tudorache, E., Motișan, R., & Oancea, C. (2021). *Air pollution exposure—the (in) visible risk factor for respiratory diseases*. *Environmental Science and Pollution Research*, 28(16), 19615-19628.
- Boubel, R. W., Vallero, D., Fox, D. L., Turner, B., & Stern, A. C. (2013). *Fundamentals of air pollution*. Elsevier.
- Buanawati, T. T., Huboyo, H. S., & Samadikun, B. P. (2017). *Estimasi Emisi Pencemar Udara Konvensional (SO_x, NO_x, CO, dan PM) Kendaraan Pribadi Berdasarkan Metode International Vehicle Emission (IVE) di Beberapa Ruas Jalan Kota Semarang*. *Jurnal Teknik Lingkungan*, 6(3), 1-12.
- Cahyadi, W., Achmad, B., Suhartono, E., & Razie, F. (2016). *Pengaruh Faktor Meteorologis dan Konsentrasi Partikulat (PM10) Terhadap Kejadian Infeksi Saluran Pernapasan Akut (ISPA) (Studi Kasus Kecamatan Banjarbaru Selatan, Kota Banjarbaru Tahun 2014-2015)*. *EnviroScientiae*, 12(3), 302-311.
- Ceswaraningrat, I. B. G. Y., Aryashta, D., & Hermansyah, M. (2024). *Analisis Angin Permukaan Menggunakan Diagram Wind Rose untuk Keselamatan Penerbangan di Bandara Internasional Juwata*. Euler: Jurnal Ilmiah Matematika, Sains dan Teknologi, 12(1), 45-56.
- Chakraborty, A. & Tarun G. (2010). *Chemical characterization and source apportionment of submicron (PM1) aerosol in Kanpur region, India*. *Aerosol and Air Quality Research*, 10(5), 433-445.

- Chen, G., Knibbs, L. D., Zhang, W., Li, S., Cao, W., Guo, J., ... & Guo, Y. (2018). *Estimating spatiotemporal distribution of PM1 concentrations in China with satellite remote sensing, meteorology, and land use information*. Environmental pollution, 233, 1086-1094.
- Chen, L., Liu, C., Zhang, L., Zou, R., & Zhang, Z. (2017). *Variation in Tree Species Ability to Capture and Retain Airborne Fine Particulate Matter (PM2.5)*. Sci Rep 7, 3206.
- Chen, Z., Chen, D., Zhao, C., Kwan, M. P., Cai, J., Zhuang, Y., ... & Xu, B. (2020). *Influence of meteorological conditions on PM2. 5 concentrations across China: A review of methodology and mechanism*. Environment international, 139, 105558.
- Cheng, Y., Zou, S. C., Lee, S. C., Chow, J. C., Ho, K. F., Watson, J. G., ... & Wu, W. J. (2011). *Characteristics and source apportionment of PM1 emissions at a roadside station*. Journal of Hazardous Materials, 195, 82-91.
- Cheng, Y., Lee, S., Gu, Z., Ho, K., Zhang, Y., Huang, Y., ...& Zhang, R. (2015). *PM2. 5 and PM10-2.5 chemical composition and source apportionment near a Hong Kong roadway*. Particuology, 18, 96-104.
- Direktorat Jenderal Bina Marga. 2023. *Pedoman Kapasitas Jalan Indonesia*. No. 09/P/ BM/ 2023. Kementerian Pekerjaan Umum dan Perumahan Rakyat.
- Dora, Carlos., & Phillips Margaret. (Eds.). (2000). *Transport, environment and health (No. 89)*. WHO Regional Office Europe.
- EEA. (2024). *Transport and Mobility*. European Environment Agency, Copenhagen, 7 Denmark
- Godish, T., & Fu, J. S. (2019). *Air Quality*. CRC Press.
- Gurjar, B. R., Molina, L. T., & Ojha, C. S. P. (Eds.). (2010). *Air Pollution: Health And Environmental Impacts*. CRC press.
- Harinaldi, D. I., & Eng, M. (2005). *Prinsip-Prinsip Statistik Untuk Teknik Dan Sains*. Jakarta: Erlangga.
- Harrison, R.M., Brimblecombe, P., and Derwent, R.G. (1996). *Airborne Particulate Matter in the United Kingdom. Third report of the Quality of Urban Air Review Group*. Department of the Environment, London, 47: 38-130.
- Heydari, S., Tainio, M., Woodcock, J., & de Nazelle, A. (2020). *Estimating traffic contribution to particulate matter concentration in urban areas using a multilevel Bayesian meta-regression approach*. Environment international, 141, 105800.
- Hien, P. D., Bac, V. T., Thinh, N. T. H., Anh, H. L., & Thang, D. D. (2021). *A Comparison Study of Chemical Compositions and Sources of PM_{1.0} and PM_{2.5} in Hanoi*. Aerosol and Air Quality Research, 21(10), 210056.
- Holleran, I., Wilson, D. J., Holleran, G., Walubita, L. F., & James, B. (2016). *Porous Asphalt—More Than Just Safety*. IPENZ Transportation Group Conference, Auckland, NZ, USA (pp. 7-9).
- Jandacka, D., & Durcanska, D. (2019). *Differentiation of particulate matter sources based on the chemical composition of PM10 in functional urban areas*. Atmosphere, 10(10), 583.

- Karagulian, F., Belis, C. A., Dora, C. F. C., Prüss-Ustün, A. M., Bonjour, S., Adair-Rohani, H., & Amann, M. (2015). *Contributions to cities' ambient particulate matter (PM): A systematic review of local source contributions at global level*. Atmospheric environment, 120, 475-483.
- Kim, K. H., Kabir, E., & Kabir, S. (2015). *A Review on the Human Health Impact of Airborne Particulate Matter*. Environment International, 74, 136-143.
- Kong, S., Han, B., Bai, Z., Chen, L., Shi, J., & Xu, Z. (2010). *Receptor modeling of PM_{2.5}, PM₁₀ and TSP in different seasons and long-range transport analysis at a coastal site of Tianjin, China*. Science of The Total Environment, 408(20), 4681–4694.
- Kurniawati, I. D. (2017). *Indikator Pencemaran Udara Berdasarkan Jumlah Kendaraan dan Kondisi Iklim (Studi di Wilayah Terminal Mangkang dan Terminal Penggaron Semarang)*. (Doctoral dissertation, Fakultas Kesehatan Masyarakat, Universitas Muhammadiyah Semarang: Semarang).
- Kurniawan, R. (2016). *Analisis Regresi*. Jakarta: Prenada Media.
- Li, H., Guo, B., Han, M., Tian, M., & Zhang, J. (2015). *Particulate matters pollution characteristic and the correlation between PM (PM_{2.5}, PM₁₀) and meteorological factors during the summer in Shijiazhuang*. Journal of Environmental Protection, 6(5), 457-463.
- Lin, H.-Y., Hung, C.-H., Yuan, C.-S., Chen, C.-J., Chen, W.-C., Chiang, S.-W., & Wang, C. J.-L. (2008). *Characteristics and source identification of roadside suspended particles*. Transportation Research Part D: Transport and Environment, 13(8), 531-538.
- Lin, C. W., Chen, Y. R., Yen, C. H., & Kao, T. C. (2010). *Chemical mass balance source apportionment of ambient total suspended particulate matters near Jhuoshuei river in Central Taiwan*. Environmental Forensics, 11(3), 216-222.
- Liu, T., Jiang, Y., Hu, J., Li, Z., Guo, Y., Li, X., ... & Ma, W. (2022). *Association of ambient PM₁ with hospital admission and recurrence of stroke in China*. Science of The Total Environment, 828, 154131.
- Lu, F., Xu, D., Cheng, Y., Dong, S., Guo, C., Jiang, X., & Zheng, X. (2015). *Systematic review and meta-analysis of the adverse health effects of ambient PM_{2.5} and PM₁₀ pollution in the Chinese population*. Environmental research, 136, 196-204.
- Maharani, A. (2021). *Analisis Konsentrasi Particulate Matter 2, 5 (PM_{2,5}) Akibat Aktivitas Transportasi Dan Rekomendasi Penanaman Pohon Pereduksi Partikulat Di Jalan Arteri Primer Kota Padang* (Skripsi Sarjana, Universitas Andalas: Padang).
- Martuti, N. K. T. (2013). *Peranan Tanaman terhadap Pencemaran Udara di Jalan Protokol Kota Semarang*. Biosantifika, 5(1), 36–42.
- Molina, M. J. and Molina L. T. (2004). *Critical Review: Megacities and atmospheric pollution*. J. Air Waste Manage. 54: 644-680.
- Ngoun, P., Aun, S., Amin, M., Hang, L., Hata, M., Taing, C., ... & Furuuchi, M. (2023). *Monitoring Particulate Matters and Total Suspended Particles Along the Roadside and Public Area in Phnom Penh*. In IOP Conference Series:

Earth and Environmental Science (Vol. 1199, No. 1, p. 012020). IOP Publishing.

- Nurjanah, N., Kresnowati, L., & Mufid, A. (2014). *Gangguan fungsi paru dan kadar cotinine pada urin karyawan yang terpapar asap rokok orang lain*. Jurnal Kesehatan Masyarakat, 10(1), 43-52.
- Nurse, F (2016) *Analisis Risiko Pajanan Kadar Total Suspended Particulate (TSP) di Udara Ambien Terhadap Kesehatan Masyarakat di Kawasan Industri PT. Semen Padang* (Skripsi Sarjana, Universitas Andalas: Padang).
- Nurwita, M., Maesaroh, M., & Widowati, N. (2021). *Upaya Dinas Lingkungan Hidup Dalam Pengendalian Pencemaran Udara Di Kota Tangerang*. Journal of Public Policy and Management Review, 10(2), 533-546.
- Palureng, R. W. N., Jati, D. R., & Siahaan, S. (2018). *Efektivitas Vegetasi Sebagai Penjerap Total Suspended Particulate (TSP) di Kawasan SD Negeri 24 Pontianak Utara*. Jurnal Teknologi Lingkungan Lahan Basah, 6(1), 1-10.
- Pant, P., & Harrison, R. M. (2013). *Estimation of the contribution of road traffic emissions to particulate matter concentrations from field measurements: A review*. Atmospheric Environment, 77, 78-97.
- Qiao, T., Zhao, M., Xiu, G., & Yu, J. (2016). *Simultaneous monitoring and compositions analysis of PM1 and PM2.5 in Shanghai: Implications for characterization of haze pollution and source apportionment*. Science of the Total Environment, 557, 386-394.
- Rao. M. N & Rao H. V. N. (2007). *Air Pollution*. Twenty sixth Reprint. TATA McGraw-Hill Publishing Company Limited New Delhi.
- Ramadhanil. (2014). *Pemetaan Konsentrasi Total Suspended Particulate (TSP) Dan Logam Al, Ca, Fe, Na dan Si Pada TSP di Udara Ambien Kawasan Timur PT Semen Padang dan Sekitarnya* (Skripsi Sarjana, Universitas Andalas: Padang).
- Ratnani, R. D. (2008). *Teknik pengendalian pencemaran udara yang diakibatkan oleh partikel*. Majalah Ilmiah Momentum, 4(2).
- Revuelta, M. A., McIntosh, G., Pey, J., Pérez, N., Querol, X., & Alastuey, A. (2014). *Partitioning of magnetic particles in PM10, PM2.5 and PM1 aerosols in the urban atmosphere of Barcelona (Spain)*. Environmental Pollution, 188, 109-117.
- Richards, J. R. (1995). *Control of Particulate Emissions (APTI Course 413)*. US Environmental Protection Agency.
- Serlina, Y. (2020). *Pengaruh Faktor Meteorologi Terhadap Konsentrasi NO₂ di Udara Ambien (Studi Kasus Bundaran Hotel Indonesia DKI Jakarta)*. Jurnal Serambi Engineering, 5(3).
- Setiyo, H. & Sutrisno, E. (2009). *Analisis Konsentrasi Particulate Matter 10 (PM₁₀) Pada Udara Diluar Ruang (Studi Kasus: Stasiun Tawang-Semarang)*. Teknik, 30(1), 44-48.
- Soedomo, M. (2001). *Pencemaran Udara*. Institut Teknologi Bandung, Bandung.
- Srimuruganandam, B., & Shiva Nagendra, S. M. (2012). *Source characterization of PM10 and PM2.5 mass using a chemical mass balance model at urban roadside*. Science of The Total Environment, 433, 8-19.

- Srimuruganandam, B., & Shiva Nagendra, S. M. (2013). *Impact of meteorology on roadside ambient particulate matter concentrations*. Modern Traffic and Transportation Engineering Research, 2(3), 141-152.
- Sugiyono. (2016). *Metode Penelitian Kuantitatif Kualitatif dan Kombinasi (Mixed Methods)*. Bandung: Alfabeta
- Suhadi, D. R., & Anissa S. F. (2013). *Pedoman Teknis Penyusunan Inventarisasi Emisi Pencemar Udara di Perkotaan*. Jakarta.
- Supramono, F. (2022). *Pengaruh Faktor Lingkungan Dan Aktivitas Outdoor Pada Penularan Covid-19 Di Dki Jakarta Dan Kota Bandar Lampung* (Tesis, Magister Ilmu Lingkungan, Universitas Lampung: Bandar Lampung).
- US. Environmental Protection Agency. (2004). *Air Quality Criteria for Particulate Matter. Vol 1*. North Carolina: National Center for Environmental Assessment, Office of Research and Development Research Triangle Park. <https://www3.epa.gov/>.
- US. Environmental Protection Agency. (2014). *Air Quality Index: A Guide to Air Quality and Your Health*. <https://www3.epa.gov/>.
- US. Environmental Protection Agency. (2023). *Particulate Matter (PM) Pollution*. U.S. Environmental Protection Agency. <https://www3.epa.gov/>.
- Utama, Y. W. (2021). *Distribusi Temporal Konsentrasi PM10 Menggunakan Alat Particle Plus EM-10000*. Ecolab, 15(1), 45-52.
- Wang, J., Huang, Y., Li, T., Shi, H., He, M., Cheng, X., ... & Zhang, C. (2020). *Annual characteristics, source analysis of PM 1-bound potentially harmful elements in the eastern district of Chengdu, China*. Archives of environmental contamination and toxicology, 79, 177-183.
- Wang, X., Chen, X., Ma, B., Zhou, Z., & Peng, C. (2024). *Observed Vertical Dispersion Patterns of Particulate Matter in Urban Street Canyons and Dominant Influencing Factors*. Forests, 15(8), 1319.
- Wang, X., Xu, Z., Su, H., Ho, H. C., Song, Y., Zheng, H., ... & Cheng, J. (2021). *Ambient Particulate Matter (PM1, PM2. 5, PM10) and childhood pneumonia: the smaller particle, the greater short-term impact?*. Science of The Total Environment, 772, 145509.
- Yang, B. Y., Guo, Y., Bloom, M. S., Xiao, X., Qian, Z. M., Liu, E., ... & Dong, G. H. (2019). *Ambient PM₁ air pollution, blood pressure, and hypertension: Insights from the 33 Communities Chinese Health Study*. Environmental research, 170, 252-259.
- Yang, Q., Yuan, Q., Li, T., Shen, H., & Zhang, L. (2017). *The relationships between PM2.5 and meteorological factors in China: seasonal and regional variations*. International journal of environmental research and public health, 14(12), 1510.
- You, T., Wu, R., Huang, G., & Fan, G. (2017). *Regional meteorological patterns for heavy pollution events in Beijing*. Journal of Meteorological Research, 31(3), 597-611.
- Yudiaatmaja, F. (2013). *Analisis Regresi dengan Menggunakan Aplikasi Komputer Statistik*. Gramedia Pustaka Utama.

- Zeng, X-W., Qian, Z., Vaughn, M. G., Nelson, E. J., Dharmage, S. C., Bowatte, G., Perret, J., Chen, D-H., Ma, H., Lin, S., de Foy, B., Hu, L-W., Yang, B-Y., Xu, S-L., Zhang, C., Tian, Y-P., Nian, M., Wang, J., Xiao, X., Bao, W-W., Zhang, Y-Z., and Dong, G-H. 2017. *Positive association between short-term ambient air pollution exposure and children blood pressure in China-Result from the Seven Northeast Cities (SNEC) study*. Environmental Pollution. 224:698-705.
- Zhang, K., & Batterman, S. (2013). *Air pollution and health risks due to vehicle traffic*. Science of the Total Environment, 450, 307-316.
- Zhang, Y., Chen, J., Li, D., Zhu, S., & Gao, J. (2023). *Effectiveness evaluation of water-sprinkling in controlling urban fugitive road dust based on TRAKER method: A case study in Baoding, China*. Journal of Environmental Sciences, 124, 735-744.
- Zhu T, Bai ZP, Chen W, Xie XL. (1996). *Application of receptor model-chemical mass balance source apportionment for air particulate matters in TEDA*. Urban Environment and Urban Ecology, 01:9-14.
- Zhu, Y., Hinds, W. C., Kim, S., Shen, S., & Sioutas, C. (2002). *Study of ultrafine particles near a major highway with heavy-duty diesel traffic*. Atmospheric Environment, 36(27), 4323–4335.
- Zuo, L., Zhou, T., Xu, C., Chen, S., Chen, Y., & Liu, S. (2022). *Research on PM10 diffusion and distribution of moving vehicle in street canyon based on dynamic mesh*. Transportation Engineering, 10, 100151.

