

## DAFTAR PUSTAKA

- Abdullah, M.H., Ali, M.I. Bin, and Kong, N.S., 2016, Analysis For Wind Characteristic In Teluk Kalung, Kemaman, Terengganu, *Int J Sci Environ Technol*, 5, 3827–3833.
- Abdul, M., Jawwad, S., Hikmah, R., Murti, A., and Citrasari, N., 2023, Analisis dan Model Dispersi Emisi Udara di TPA Klotok , Kediri Dispersion Analysis and Model of Air Emission in Klotok Landfill , Kediri, 5, 31–37.
- Abidin, J. and Purqon, A., 2016, Pemodelan Polusi Udara dengan Gaussian Plume PROSIDING SNIPS 2016, *Prosiding SNIPS 2016*, 444–452.
- Aggarwal, A., Haritash, A., and Kansal, G., 2014, Air Pollution Modelling: A review, *International Journal of Advanced Technology in Engineering and Science*, 2, 355–364.
- Aida, R., Rohmawati, F.Y., and Turyanti, A., 2019, The Effect of Car Free Day (CFD) on Pollutant Emissions at Alternative Roads (Case Study: RE Martadinata Street, Bogor City), *Agromet*, 33, 8–19.
- Alves, C.A., Calvo, A.I., Lopes, D.J., Nunes, T., Charron, A., Goriaux, M., Tassel, P., and Perret, P., 2013, Emissions of Euro 3–5 passenger cars measured over different driving cycles, *International Journal of Environmental and Ecological Engineering*, 7, 294–297.
- Anonim, 2006, Air Quality Guidelines Global Update 2005,.
- Anonim, 2018, Dokumen Studi Evaluasi Kinerja Ruas dan Simpang, Yogyakarta.
- Anonim Laporan Kinerja 2019 Kementerian Lingkungan Hidup Dan Kehutanan, Jakarta.
- Anonim, 2005a, Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man, Geneva, *World Health Organisation*.
- Anonim, 2016, Model Validation and Reasonableness Testing Guidance Document, *U.S EPA*.
- Anonim. (2020). *Perkembangan Jumlah Kendaraan Bermotor Menurut Jenis (Unit), 2019–2021*. BPS.
- Anonim, 2021, Peraturan Pemerintah No. 22 Tahun 2021 tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup.
- Anonim, 2011a, Peraturan Presiden No. 71 Tahun 2011 Tentang Penyelenggaraan Inventarisasi Gas Rumah Kaca Nasional.
- Anonim, 2011b, Reducing Greenhouse Gas Emissions through Recycling and Composting. Seattle, *U.S EPA*.
- Anonim, 2005b, Revision to the Guideline on Air Quality Models: Adoption of a Preferred General Propose (Flat and Complex Terrain) Dispersion Model and Other Revision, *U.S EPA*.

- Anonim, 2005c, SNI 19-7119.6-2005. Udara Ambien Bagian 6: Penentuan Lokasi Pengambilan Contoh Uji Pemantauan Kualitas Udara Ambien,.
- Anwar, N.K., Gani, A., and Mahidin, M., 2020, Evaluasi Pengaruh Kendaraan Bermotor Terhadap Kualitas Udara Ambien Pada Berbagai Tipe Ruas Jalan Kota Banda Aceh, *Jurnal Penelitian Transportasi Darat*, 21, 21–30.
- Apriyanti, S., Fitriyaningsih, Y., and Pramadita, S., 2017, Analisis Konsentrasi CO (Co) pada Ruang Parkir Ayani Mega Mall Kota Pontianak, *Jurnal Teknologi Lingkungan Lahan Basah*, 1–10.
- Asif, Z., Chen, Z., and Han, Y., 2018, Air quality modeling for effective environmental management in the mining region, *J Air Waste Manage Assoc*, 68, 1001–1014.
- Bhave, P.P., Shaikh, R.M.H., Shaikh, B.M.H, 2013, Air Pollution Dispersion Modeling for Transportation, *IJERT*, 2, 571–578.
- Barnett, A.G., Williams, G.M., Schwartz, J., Best, T.L., Neller, A.H., Petroeschovsky, A.L., and Simpson, R.W., 2006, The effects of air pollution on hospitalizations for cardiovascular disease in elderly people in Australian and New Zealand cities, *Environ Health Perspect*, 114, 1018–1023.
- Basri, S., Bujawati, E., Amansyah, M., Kesehatan, B., Jurusan, L., Masyarakat, K., Epidemiologi, B., Kesehatan, J., and Udara, P., 2019, Analisis Risiko Kesehatan Lingkungan, *Jurnal Kesehatan*, VII, 427–442.
- Carbonell, L.T., Capote Mastrapa, G., Fonseca Rodriguez, Y., Alvarez Escudero, L., Sanchez Gacita, M., Bezanilla Morlot, A., Borrajero Montejó, I., Ruiz, E.M., and Pire Rivas, S., 2013, Assessment of the Weather Research and Forecasting model implementation in Cuba addressed to diagnostic air quality modeling, *Atmos Pollut Res*, 4, 64–74.
- Chang, J.C. and Hanna, S.R., 2004, Air quality model performance evaluation, *Meteorology and Atmospheric Physics*, 87, 167–196.
- Daniel, J.S. and Solomon, S., 1998, On the Climate Forcing of Carbon Monoxide, *J. Geophys. Res*, 103, 13249–13260.
- Dwirahmawati, F., Nasrullah, N., and Sulistyantara, B., 2018, Analisis Perubahan Konsentrasi Nitrogen Dioksida (No<sub>2</sub>) Pada Area Bervegetasi Dan Tidak Bervegetasi Di Jalan Simpang Susun, *Jurnal Lanskap Indonesia*, 10, 13–18.
- Gibson, M.D., Kundu, S., and Satish, M., 2013, Dispersion model evaluation of PM<sub>2.5</sub>, NO<sub>X</sub> and SO<sub>2</sub> from point and major line sources in Nova Scotia, Canada using AERMOD Gaussian plume air dispersion model, *Atmos Pollut Res*, 4, 157–167.
- Godish, T., 1997, Air Quality, Academic Press, New York.
- Grice, S., Stedman, J., Kent, A., Hobson, M., Norris, J., Abbott, J., and Cooke, S., 2009, Recent trends and projections of primary NO<sub>2</sub> emissions in Europe, *Atmos Environ*, 43, 2154–2167.

- Gunamantha, M., 2010, Life Cycle Assessment pada Sistem Pengolahan Sampah di Wilayah Sarbagita, Bali., *Jurnal Purifikasi*, 11, 41–52.
- Habeebullah, T.M., Munir, S., Awad, A.H.A., Morsy, E., Seroji, A.R., and Nohammed, A.M.F., 2014, The Interaction between Air Quality and Meteorological Factors in and Arid Environment of Makkah, Saudi Arabia, *International Journal of Environmental Science and Development*, 6, 576–580.
- Hamra, G.B., Laden, F., Cohen, A.J., Raaschou-Nielsen, O., Brauer, M., and Loomis, D., 2015, Lung Cancer and Exposure to Nitrogen Dioxide and Traffic: A Systematic Review and Meta-Analysis., *Environ Health Perspect*, 123, 1107–1112.
- Harni, S.D., Saarikoski, S., Kuula, J., Helin, A., Aurela, M., Niemi, J. V., Kousa, A., Rönkkö, T., and Timonen, H., 2023, Effects of emission sources on the particle number size distribution of ambient air in the residential area, *Atmos Environ*, 293.
- Hendersen, B. and Markland, H.R., 1987, Decaying Lakes-The Origins and Control of Cultural Eutrophication, John & Willey Sons, New York.
- Ismiyati, Marlita, D., and Saidah, D., 2014, Pencemaran Udara Akibat Emisi Gas Buang Kendaraan Bermotor, *Jurnal Manajemen Transportasi & Logistik (JMTransLog)*, 01, 241–248.
- Jayadipraja, E.A., Daud, A., Assegaf, A.H., and Maming, M., 2016, Applying Spatial Analysis Tools in Public Health: The Use of AERMOD in Modeling the Emission Dispersion of SO<sub>2</sub> and NO<sub>2</sub> to Identify Exposed Area to Health Risks, *Public Health of Indonesia*, 2, 20–27.
- Kemala, N., Gani, A., and Mahidin, 2019, Evaluasi Pengaruh Kendaraan Bermotor Terhadap Kualitas Udara Ambien Pada Berbagai Tipe Ruas Jalan Kota Banda Aceh, *Jurnal Penelitian Transportasi Darat*, 21, 21–30.
- Kesarkar, A.P., Dalvi, M., Kagainalkar, A., and Ojha, A., 2007, Coupling of the Weather Research and Forecasting Model with AERMOD for pollutant dispersion modeling. A case study for PM<sub>10</sub> dispersion over Pune, India, *Atmos Environ*, 41, 1976–1988.
- Khanaki, S., Ahmadi, M., and Maryam, F., 2017, Simulation of Particulate Matter Dispersion Using AERMOD (A Case Study: Kerman Cement Factory), *World Journal of Environmental Biosciences*, 6, 1–9.
- Kim, B., Nakada, K., Wayson, R., Christie, S., Paling, C., Bennett, M., Raper, D., Raps, V., Levy, J. and Roof, C., 2015, *Understanding Airport Air Quality and Public Health Studies Related to Airports*, Transportation Research Board of the National Academies, Washington DC.
- Lestari, A., Misbahul, S., and Tiwi, Y., 2021, Analisis Kesehatan Lingkungan Akibat Paparan Co Pada Pedagang, *Media Husada Journal of Environmental Health*, 1, 1–6.

- Limbong, 2019, Analisis Risiko Kesehatan Paparan Merkuri (Hg) dan Sianida (CN) Pada Masyarakat Desa Kayeli Kecamatan Teluk Kayeli Kabupaten Buru,.
- Ma'rufi, I., 2018, Analisis Risiko Kesehatan Lingkungan (SO<sub>2</sub> , H<sub>2</sub>S, NO<sub>2</sub> dan TSP) Akibat Transportasi Kendaraan Bermotor di Kota Surabaya, *MPI (Media Pharmaceutica Indonesiana)*, 1, 189–196.
- Maulidya, I., 2019, Kesiapan Angkutan Jalan Dalam Menghadapi Penerapan Standar Emisi Euro 4, *Warta Penelitian Perhubungan*, 31, 1–14.
- Megalina, Y., 2015, Pengaruh Pencemaran Udara di Daerah Terminal Amplas Bagi Kehidupan Masyarakat, *Jurnal Pengabdian Kepada Masyarakat*, 21, 94–101.
- Mtech, S.K. and Hassan, Q., 2020, Review of developments in air quality modelling and air quality dispersion models, *Journal of Environmental Engineering and Science*, 16, 1–10.
- Mustamin, T., Rahim, R., Mulyadi, R., Jamala, N., and Kusno, A., 2017, Analisis Fluktuasi Temperatur Udara dalam Ruang pada Ruang Seminar Laboratorium Sains dan Bangunan Kampus Gowa, H041–H044.
- Natsir, T.A., Windrianto P, Y., Susetyaningsih, R., Setyanto, K., and Dewi, R., 2018, SIMULASI DAMPAK PENCEMARAN UDARA CO DI KOTA YOGYAKARTA AKIBAT EMISI KENDARAAN BERMOTOR (Simulation of Carbon Monoxide Pollution Effect in Yogyakarta City Caused by The Emission of Motor Vehicles), *Jurnal Manusia dan Lingkungan*, 24, 11.
- Pant, P. and Harrison, R.M., 2013, Estimation of the contribution of road traffic emissions to particulate matter concentrations from field measurements: A review, *Atmos Environ*, 77, 78–97.
- Prasetyo, I. and Fahrurrozi, M., 2020, Penggunaan Catalytic Converter dari Bahan Kuningan dengan Ketebalan 0,2 mm Terhadap Emisi Gas Buang Kendaraan Pada Motor 2 Tak, *Accurate: Journal of Mechanical Engineering and Science*, 1, 1–5.
- Pratama, B.W.M., Putra, W.T., and Mahyadi, M., 2020, PENGARUH DIAMETER MAIN JET TERHADAP EMISI GAS BUANG DENGAN VARIASI RPM PADA SEPEDA MOTOR HONDA SUPRA X 125CC, *Jurnal Teknik Universitas Muhammadiyah Ponorogo*, 4, 20–26.
- Purwanto, C.P., 2015, Inventarisasi Emisi Sumber Bergerak Di Jalan (on Road) Kota Denpasar, *ECOTROPHIC: Jurnal Ilmu Lingkungan (Journal of Environmental Science)*, 9, 1.
- Rahadi, B., Kurniati, E., and Imaya, A. tasya, 2020, Analisis Sebaran Polutan SO<sub>2</sub>, NO<sub>x</sub> dan PM<sub>10</sub> dari Sumber Bergerak pada Jalan Arteri Kota Malang, *Jurnal Sumberdaya Alam dan Lingkungan*, 6, 40–51.
- Rahman, M.M., Shuo, W., Zhao, W., Xu, X., Zhang, W., and Arshad, A., 2022, Investigating the Relationship between Air Pollutants and Meteorological

- Parameters Using Satellite Data over Bangladesh, *Remote Sens (Basel)*, 14, 1–21.
- Raub, J.A., Mathieu-Nolf, M., Hampson, N.B., and Thom, S.R., 2000, Review: Carbon Monoxide Poisoning — A Public Health Perspective., *Toxicology*, 145, 1–14.
- Rofienda, 2004, Dampak Negatif Pencemaran Nitrogen Dioksida, Usahanya dan Penanggulangannya, *Bulletin Penelitian*, 26, 28–32.
- Rood, A.S., 2014, Performance evaluation of AERMOD, CALPUFF, and legacy air dispersion models using the Winter Validation Tracer Study dataset, *Atmos Environ*, 89, 707–720.
- Sandra, C., 2008, Pengaruh Penurunan Kualitas Udara Ambien Terhadap Fungsi Paru dan Keluhan Pernafasan Pada Polisi Lalu Lintas Polwiltabes Surabaya,.
- Sarwono, E., Adnan, F., and Rafi, M.M., 2019, Pemodelan Dispersi Emisi Udara SO<sub>2</sub> Dan NO<sub>2</sub> Dengan Menggunakan Persamaan Gaussian Pada Cerobong Pltu Muara Jawa, Kabupaten Kutai Kartanegara, *Teknik Lingkungan Universitas Mulawarman*, 26–43.
- Saxena, P. and Naik, V., 2019, Air Pollution: Sources, Impacts and Controls, Cabi International, Boston.
- Seinfeld, J.H. and Pandis, S.N., 2006, Atmospheric Chemistry and Physics from Air Pollution to Climate Change, John Willey and Son, New York.
- Slamet, J.S., 2009, Kesehatan Lingkungan, Gadjah Mada University Press, Yogyakarta.
- Srivastava, A., 2004, Air Pollution Modelling and Forecasting in Hamilton Using Data-driven Methods,.
- Stockie, J.M., 2011, The Mathematics of Atmospheric Dispersion Modeling., *SIAM Review*, 53, 349–372.
- Subramani, T., Labancz, K., Ferenci, Z., and Alfoldy, B., 2014, Analysis of Highway Air Pollution, *Int. Journal of Engineering Research and Applications*, 4, 173–182.
- Sulistiyono, A., Hartanto, Fathuroyan, Saputra, D., and Arifin, I.B., 2019, Studi Profil Ozon Permukaan (O<sub>3</sub>) Dan Gas CO (CO) Antara Kota Bandung Dan Bukit Kototabang Tahun 2008, *Jurnal Ilmu Lingkungan*, 17, 239–244.
- Tipton, M.J., Lathem, T.L., Fu, J.S., and Tschantz, M.F., 2022, Effectiveness of emissions standards on automotive evaporative emissions in Europe under normal and extreme temperature conditions, *Environ Res Commun*, 4, .
- Trivedi, R., Chakraborty, M.K., and Tewary, B.K., 2009, Dust dispersion modeling using fugitive dust model at an opencast coal project of Western Coalfields Limited, India, *J Sci Ind Res (India)*, 68, 71–78.

- Utami, A.F., 2014, Pengukuran Faktor Emisi Gas CO (CO) Dan Karbon Dioksida (CO<sub>2</sub>) Pada Asap Mainstream Rokok Non Filter,.
- Valero, D.A., 2018, Translating Diverse Environmental Data into Reliable Information, Academic Press, Cambridge.
- Wang, X., Yin, H., Ge, Y., Yu, L., Xu, Z., Yu, C., Shi, X., and Liu, H., 2013, On-vehicle emission measurement of a light-duty diesel van at various speeds at high altitude, *Atmos Environ*, 81, 263–269.
- Wardhana, W.A., 2004, Dampak Pencemaran Lingkungan, Penerbit Andi, Yogyakarta.
- Wei, S., Ding, T., Zhang, S., Tao, P., dan Chen, J, 2020, Analysis of Vehicle CO and NO<sub>x</sub> Road Emissions Test Based on PEMS, Taylor & Francis, 1–15.
- Wigati, A., Murti, S.H., and Suprayogi, S., 2020, Kajian Pencemaran Lingkungan Akibat Pencemaran Udara oleh Kendaraan Bermotor dan Pengaruhnya Terhadap Risiko Kesehatan Manusia di Kawasan Wisata Malioboro Daerah Istimewa Yogyakarta,.
- Willmott, C.J., Ackleson, S.G., Davis, R.E., Feddema, J.J., Klink, K.M., Legates, D.R., O'Donnell, J., and Rowe, C.M., 1985, Statistics for the evaluation of model performance, *J Geophys Res*, 90, 8995–9005.
- Zhou, M., He, G., Liu, Y., Yin, P., Li, Y., Kan, H., Fan, Maorong, Xue, A., and Fan, Maoyong, 2015, The associations between ambient air pollution and adult respiratory mortality in 32 major Chinese cities, 2006–2010, *Environ Res*, 137, 278–286.
- Zou, B., Benjamin Zhan, F., Gaines Wilson, J., and Zeng, Y., 2010, Performance of AERMOD at different time scales, *Simul Model Pract Theory*, 18, 612–623.