

DAFTAR PUSTAKA

- Adame, J. A., Córdoba-Jabonero, C., Sorribas, M., Toledo, D., & Gil-Ojeda, M. (2015). Atmospheric Boundary Layer And Ozone-Aerosol Interactions Under Saharan Intrusions Observed During AMISOC Summer Campaign. *Atmospheric Environment*, 104, 205-216.34073644. (N.D.).
- Angell, J. K., Pack, D. H., Machta, L., Dickson, C. R., & Hoecker, W. H. (1972). Three-Dimensional Air Trajectories Determined From Tetroon Flights In The Planetary Boundary Layer Of The Los Angeles Basin. *Journal Of Applied Meteorology (1962-1982)*, 451-471.
- Cashman, K., & Rust, A. (2016). Introduction: Part 2: Volcanic Ash: Generation And Spatial Variations. In *Volcanic Ash: Hazard Observation* (Pp. 5-22). Elsevier Inc.. Doi.Org/10.1016/B978-0-08-100405-0.00002-1
- Cooper, C. D., & Alley, F. C. (1994). *Air Pollution Control, A Design Approach*, 2nd.
- Cooper, C. D., & Alley, F. C. (2010). *Air Pollution Control: A Design Approach*. Waveland Press.
- Bao, C., Yong, M., Bueh, C., Bao, Y., Jin, E., Bao, Y., & Purevjav, G. (2022). Analyses Of The Dust Storm Sources, Affected Areas, And Moving Paths In Mongolia And China In Early Spring. *Remote Sensing*, 14(15), 3661. <https://doi.org/10.3390/rs14153661>
- Baturante, N. (2022). Pengaruh Tinggi Dan Diameter Cerobong Pltu Terhadap Dispersi SO2 Di Udara Menggunakan Model Gaussian Plume. *Jurnal Pendidikan Kimia Unkhair (JPKU)*, 2(1). <https://doi.org/10.33387/jpku.v2i1.4952>
- Bercovici, D., & Michaut, C. (2010). Two-Phase Dynamics Of Volcanic Eruptions: Compaction, Compression And The Conditions For Choking: Two-Phase Volcanic Eruptions. *Geophysical Journal International*, 182(2), 843–864. <https://doi.org/10.1111/j.1365-246x.2010.04674.x>
- Brink, J. A., & Crocker, B. B. (1964). Practical Applications Of Stacks To Minimize Pollution Problems. *Journal Of The Air Pollution Control Association*, 14(11), 449–454. <https://doi.org/10.1080/00022470.1964.10468312>
- Chai, T., Crawford, A., Stunder, B., Pavolonis, M. J., Draxler, R., & Stein, A. (2017). Improving Volcanic Ash Predictions With The HYSPLIT Dispersion Model By Assimilating MODIS Satellite Retrievals. *Atmospheric Chemistry And Physics*, 17(4), 2865–2879. <https://doi.org/10.5194/acp-17-2865-2017>

- Cimorelli, A. J., Perry, S. G., Venkatram, A., Weil, J. C., Paine, R. J., Wilson, R. B., Lee, R. F., Peters, W. D., & Brode, R. W. (2005). AERMOD: A Dispersion Model For Industrial Source Applications. Part I: General Model Formulation And Boundary Layer Characterization. *Journal Of Applied Meteorology*, 44(5), 682–693. <https://doi.org/10.1175/JAM2227.1>
- Crawford, A. M., Stunder, B. J. B., Ngan, F., & Pavolonis, M. J. (2016). Initializing HYSPLIT With Satellite Observations Of Volcanic Ash: A Case Study Of The 2008 Kasatochi Eruption. *Journal Of Geophysical Research: Atmospheres*, 121(18). <https://doi.org/10.1002/2016JD024779>
- Draxler, R. (2020). Description Of The Hysplit_4 Modeling System: Hysplit Limitations. Maryland: Air Resources Laboratory.
- Draxler, R. R., Spring, S., Maryland, U. S. A., & Hess, G. D. (1998). An Overview Of The HYSPLIT_4 Modelling System For Trajectories, Dispersion, And Deposition. In *Australian Meteorological Magazine* (Vol. 47, Pp. 295–308).
- Fikeraddis, M., & Endeshaw, L. (2020). Influence Of Temperature And Relative Humidity On Air Pollution In Addis Ababa, Ethiopia. *Journal Of Environmental & Earth Sciences*, 2(2), 19–25. <https://doi.org/10.30564/Jees.V2i2.2286>
- Frogner Kockum, P. C., Herbert, R. B., & Gislason, S. R. (2006). A Diverse Ecosystem Response To Volcanic Aerosols. *Chemical Geology*, 231(1–2), 57–66. <https://doi.org/10.1016/j.chemgeo.2005.12.008>
- Geologi, M., Geologi, S., Diponegoro, J., 57, N., & Sari, I. (N.D.). *Klasifi Kasi Gunung Api Aktif Indonesia, Studi Kasus Dari Beberapa Letusan Gunung Api Dalam Sejarah INDYO PRATOMO*.
- Gunda, G. K. T., Champatiray, P. K., Chauhan, M., Chauhan, P., Ansary, M., Singh, A., Ketholia, Y., & Balaji, S. (2021). Modelling Of Volcanic Ash With HYSPLIT And Satellite Observations: A Case Study Of The 2018 Barren Island Volcano Eruption Event, Andaman Territory, India. *Current Science*, 121(4), 529. <https://doi.org/10.18520/Cs/V121/I4/529-538>
- Gurjar, B. R., Molina, L. T., & Ojha, C. S. P. (N.D.). *Air Pollution: Health And Environmental Impacts*.
- Hess, G. D. (1997). *Description Of The HYSPLIT_4 Modelling System*. <https://www.researchgate.net/publication/255682850>
- Ilaboya, I. R., Atikpo, E., Umukoro, L., Omofuma, F. E., & Ezugwu, M. O. (2011). *Analysis Of The Effects Of Mixing Height And Other Associated Factor*.

- Lateb, M., Masson, C., Stathopoulos, T., & Bédard, C. (2011). Effect Of Stack Height And Exhaust Velocity On Pollutant Dispersion In The Wake Of A Building. *Atmospheric Environment*, 45(29), 5150–5163. <https://doi.org/10.1016/j.atmosenv.2011.06.040>
- Izarul, M. (2018). Pengantar Pengendalian Pencemaran (Pencemaran Air, Pencemaran Udara, Dan Kebisingan). Yogyakarta: Budi Utama
- John, M. (2012). Report Of Marapi. Wayback Machine
- Kementerian Lingkungan Hidup Dan Kehutanan (KLHK). (2018). Pengendalian Pencemaran Udara. Jakarta: Republik Indonesia.
- Koren. (2003). Handbook Of Environmental Health Volume 2: Pollutant Interactions In Air, Soil And Water. USA: Lewis Publishers.
- Lee, S. L., Wong, W. H. S., & Lau, Y. L. (2006). Association Between Air Pollution And Asthma Admission Among Children In Hong Kong. *Clinical & Experimental Allergy*, 36(9), 1138–1146. <https://doi.org/10.1111/j.1365-2222.2006.02555.x>
- Li, L., Liu, Y., & Wang, Y. (2017). Monitoring An Air Pollution Episode In Shenzhen By Combining MODIS Satellite Images And The HYSPLIT Model. *IOP Conference Series: Earth And Environmental Science*, 74(1). <https://doi.org/10.1088/1755-1315/74/1/012010>
- Mastin, L. G. (2014). Testing The Accuracy Of A 1-D Volcanic Plume Model In Estimating Mass Eruption Rate. *Journal Of Geophysical Research: Atmospheres*, 119(5), 2474–2495. <https://doi.org/10.1002/2013JD020604>
- Navers, N. D. (2000). Air Pollution Control Engineering, Journal Of Chemical Information And Modeling. 2nd Edition. Boston: Mcgraw-Hill.
- Pasquill, F. (1974). Atmospheric Diffusion, 2nded. Chichester. England.
- Pensa, A., Capra, L., & Giordano, G. (2019). Ash Clouds Temperature Estimation. Implication On Dilute And Concentrated Pdc's Coupling And Topography Confinement. *Scientific Reports*, 9(1), 5657. <https://doi.org/10.1038/s41598-019-42035-x>
- Peraturan Gubernur Sumatera Barat. (2016). Dokumen Rencana Kontingensi Standar Operasional Prosedur Bencana Gunung Api Di Provinsi Sumatera Barat. Sumatera Barat: Gubernur Sumatera Barat.
- Pratomo, I. (N.D.). *Klasifikasi Gunung Api Aktif Indonesia, Studi Kasus Dari Beberapa Letusan Gunung Api Dalam Sejarah*. 1(4).
- Putra, R. M., Saputro, A. H., Arazak, L., & Kharisma, S. (2019). Automatic Detection Of Volcanic Ash From Himawari – 8 Satellite Using Artificial Neural Network. 020112. <https://doi.org/10.1063/1.5141725>

- Rahmawati, F. (1999). *Kualitas Udara Di Jakarta Tahun 1977*. Depok: Jurusan Geografi. FMIPA Universitas Indonesia.
- Rasyid, S. (1990). Berita Berkala Vulkanologi Gunung: Edisi Khusus No 137. Bandung: Direktorat Vulkanologi.
- Rao, C. S. (2007). *Environmental Pollution Control Engineering*. New Age International.
- Ratnani, R. D. (2008). Teknik Pengendalian Pencemaran Udara Yang Diakibatkan Oleh Partikel. *Jurnal Ilmiah Momentum*, 4(2). DOI : <https://doi.org/10.36499/JIM.V4I2.612>
- Rossini, P., Molinaroli, E., De Falco, G., Fiesoletti, F., Papa, S., Pari, E., Renzulli, A., Tentoni, P., Testoni, A., Valentini, L., & Matteucci, G. (2012). April–May 2010 Eyjafjallajökull Volcanic Fallout Over Rimini, Italy. *Atmospheric Environment*, 48, 122–128. <https://doi.org/10.1016/j.atmosenv.2011.05.018>
- Ruhat, Y. (2008). Model Prediksi Distribusi Laju Penyebaran Sulfur Dioksida Dan Debu Dari Kawasan Industri (Studi Kasus Di Kota Cirebon). *Jurnal Agromet Indonesia*, 22(1).
- Santoso, G. D. (2023). Press Release Erupsi Gunung Marapi Sumatera Barat. Jakarta: Pusat Vulkanologi Dan Mitigasi Bencana Geologi (PVMBG).
- Sharma, R., & Singh, D. (2018). A Review Of Wind Speed And Wind Power Forecasting Techniques. *Journal Of Engineering Research And Application*, 8(7), 1-9.
- Soedomo, M. (2011). *Pencemaran Udara (Kumpulan Karya Ilmiah) 1 Edition*. Bandung: ITB.
- Su, L., Yuan, Z., Fung, J. C. H., & Lau, A. K. H. (2015). A Comparison Of HYSPLIT Backward Trajectories Generated From Two GDAS Datasets. *Science Of The Total Environment*, 506–507, 527–537. <https://doi.org/10.1016/j.scitotenv.2014.11.072>
- Stasiun Pemantauan Global (GAW) Koto Tabang. (31 Desember 2023 Hingga 14 Januari 2024). Dokumen Monitoring Dan Prakiraan Parameter Kualitas Udara Untuk PM_{2.5} Dan PM10. Agam: Stasiun Pemantau Atmosfer Global (GAW) Bukit Koto Tabang
- Tadini, A., Roche, O., Samaniego, P., Guillin, A., Azzaoui, N., Gouhier, M., De' Michieli Vitturi, M., Pardini, F., Eychenne, J., Bernard, B., Hidalgo, S., & Le Penneç, J. L. (2020). Quantifying The Uncertainty Of A Coupled Plume And Tephra Dispersal Model: Plume-MOM/HYSPLIT Simulations Applied To Andean Volcanoes. *Journal Of Geophysical Research: Solid Earth*, 125(2), E2019jb018390. <https://doi.org/10.1029/2019JB018390>

Vita, F., Schiavo, B., Inguaggiato, C., Inguaggiato, S., & Mazot, A. (2023). Environmental And Volcanic Implications Of Volatile Output In The Atmosphere Of Vulcano Island Detected Using SO₂ Plume (2021–23). *Remote Sensing*, 15(12), 3086. <https://doi.org/10.3390/rs15123086>

Visscher, A. D. (2014). *Air Dispersion Modeling*. New Jersey : John Wiley & Sons.Inc

Shirvaikar.,V.,V & Dao.,V.J (2002). *Air Pollution Meteorology* (Pp. 1–230). Bhaba Atomic Research Centre.

Zhang, X., Zhang, M., Cui, Y., & He, Y. (2022). Estimation Of Daily Ground-Received Global Solar Radiation Using Air Pollutant Data. *Frontiers In Public Health*, 10, 860107. <https://doi.org/10.3389/fpubh.2022.860107>

