



## DAFTAR PUSTAKA

- Anonim, 1997, *Undang-Undang No. 23 Tahun 1997, tentang Ketentuan-ketentuan Pokok Pengelolaan Lingkungan Hidup, Pasal 1 ayat 12*, Sekretariat Negara, Jakarta.
- Anonim, 2009, *Modul Diklat Pengendalian Pencemaran Udara Evaluasi Data Hasil Pemantauan Kualitas Udara*, Penerbit Pusat Pendidikan dan Pelatihan, Jakarta.
- Anonim, 2011, *WRPLOT View. Wind Rose Plots for Meteorological Data*, Lakes Environmental, Ontario.
- Arya, S.P., 1999, *Air Pollution Meteorology and Dispersion*, Oxford University, New York.
- Bachtiar, V.S., Abuzar, S.S., dan Siska, M.D., 2010, Studi Penyebaran SO<sub>2</sub> di PT. Semen Padang Dengan AERMOD, Project Report, Lembaga Penelitian UNAND, Padang.
- Baturante, N.J., 2015, Kajian Lingkungan Dan Pemodelan Dispersi So<sub>2</sub> Di Udara Pada Pltu 1000 Mw Dengan Menggunakan Model Gaussian Plume, *Tesis*, Departemen Kimia FMIPA UGM, Yogyakarta.
- Beychok, M.R., 1994, *Fundamental of Stack Gas Dispersion*, Newport Beach, California.
- Cimorelli, A.J., Perry, S.J., Venkatram, A., Weil, J.C., Paine, R.J., Wilson, R.B., Lee, R.F., Peters, W.D., Brode, R.W., and Paumier, J.O., 2004, *AERMOD : Description of Model Formulation*, United States Environmental Protection Agency, North Carolina.
- Coll, J., 2002, *Air Pollution*, 2<sup>nd</sup> Ed., New Fetter Lane, London.
- Cota, H.M., 1984, A Basic Computer Program for the Gaussian Equation for a Point Source, *J. Air Waste Manage. Assoc.*, 31(3), 253.
- Crutcher, H.L., 1956, On The Standard Vector-Deviation Wind Rose, *Bull. Am. Meteorol. Soc.*, Vol. 14, 28-33.
- Faizal, 2004, Evaluasi Penggunaan Model Gaussian Pada Ruas Jalan Prof. Dr. Soepomo Jakarta Terkait Dengan Keberadaan Pohon di Pinggir Jalan, *Tesis*, Program Pascasarjana UNDIP, Semarang.



Flagan, R.C., and Seinfeld, J.H., 1988, *Fundamentals of Air Pollution Engineering*, Prentice-Hall Inc., New Jersey.

Forsdyke, A.G., 1970, *Meteorological Factors in Air Pollution*, World Meteorological Organization, Geneva.

Hasibuan, F., 2014, Simulasi Model Dispersi Polutan Gas dan Partikulat Molekul Pada Pabrik Semen dengan Menggunakan Software Matlab 7.12, *Skripsi*, Program Studi Fisika FMIPA UNILA, Bandar Lampung.

Hill, M.K., 2006, *Understanding Environmental Pollution*, 2<sup>nd</sup> Ed., Cambridge University Press, Cambridge.

Hoesodo, D., 2004, Pemodelan Pencemaran Udara Akibat Lalu Lintas Di Jalan Arteri (Studi Kasus Ruas Jalan Soekarno-Hatta di Bandung), *Tesis*, Program Pascasarjana UNDIP, Semarang.

Jin, H. and Raman, S., 1995, Dispersion of an Elevated Release in a Coastal Region, *J. Appl. Meteorol.*, 35, 1611-1624.

Juda, K., Kezler, K., and Cheremisinov, P.N., 1989, Air pollution Modeling, Encyclopedia Of Environmental Control Technology, *Air Pollution Control*, Gulf Publish Company, Houston.

Lagzi, I., Mészáros, R., Gelybó, G., and Leelőssy, A., 2013, *Atmospheric Chemistry*, Eötvös Loránd University Faculty of Science Institute of Geography and Earth Science, Budapest.

Liu, D.H.F., and Lipták, B.G., 2000, *Air Pollution*, Lewis Publisher, New York.

Laskarzewska, B., and Mehrvar, M., 2009, Atmospheric Chemistry In Existing Air Atmospheric Dispersion Models and Their Applications: Trend, Advances, and Future in Urban Area in Ontario, Canada and in Other Areas of The World, *Int. J. Eng.*, 3(1), 21-57.

Ma, J., Yi, H., Tang, X., Zhang, Y., Xiang, Y., and Pu, L., 2013, Application of AERMOD on Near Future Air Quality Simulation Under the Latest National Emission Control Policy of China: A Case Study on an Industrial City, *J. Environ. Sci. (Beijing, China)*, 25(8), 1608-1617.

Ma, S., 2010, Simulation on SO<sub>2</sub> and NOx Emission from Coal-Fired Power Plants in North-Eastern North America, *Energy Power Eng.*, 2, 190-195.



Mittal, M.L., Sharma, C., and Singh, R., 2012, Estimates of Emissions from Coal Fired Thermal Power Plants in India, *20<sup>th</sup> Emission inventory Conference*, 13-16 Agustus 2012, Tampa.

Mohammed, N.I.B., 2009, Development Of Air Quality Profile By Using Gaussian Plume Dispersion Model, *Thesis*, Faculty of Civil Engineering Universiti Teknologi Malaysia.

Muhaimin, 2014, Pemodelan Dispersi Polusi Udara dari Aktivitas PLTU Cirebon Pada Musim Kemarau dan Hujan Serta Penggunaan 2 Cerobong Asap, *Tesis*, Departemen Kimia FMIPA UGM, Yogyakarta.

Nauli, T., 2002, Pola Sebaran Polutan Dari Cerobong Asap, *Prosiding Pertemuan dan Presentasi Ilmiah Penelitian Dasar Ilmu Pengetahuan dan Teknologi Nuklir*, 27 Juni 2002, Yogyakarta.

Oke, T.R., 1987, *Boundary Layer Climates*, Routhledge, London.

Reible, D.D., 1999, *Fundamentals Of Environmental Engineering*, Lewis Publishers, Boca Raton.

Seinfeld, J.H., and Pandis, S.N., 2006, *Atmospheric Chemistry and Physics: From Air Pollution to Climate Change*, 2<sup>nd</sup> Ed. John Wiley and Sons Inc., New Jersey.

Sharan, M., Yadav, A. K., Singh, M. P., Agarwal, P., and Nigam, S., 1995, A *Mathematical Model for The Dispersion of Air Pollutants in Low Wind Conditions*, Center for Atmospheric Sciences Indian Institute Technology, New Delhi.

Soedomo, M., 2001, *Pencemaran udara*, Penerbit ITB, Bandung.

Srivastava, R.K., 2000, *Controlling SO<sub>2</sub> Emissions: A Review of Technologies*, U.S. Environmental Protection Agency, Washington, D.C.

Stockie, J.M., 2011, The Mathematics of Atmospheric Dispersion Modeling, *SIAM Rev.*, 53(2), 349–372.

Stull, R., and Ainslie, B., 2006, A Simple Model for Pollution Dispersion in a Convective Boundary Layer, *J. Climate Appl. and Meteor*, 45, 1727-1743.

Sumaryati, 2007, Penetapan Beban Emisi Maksimum CO di Kawasan Industri Dayeuh Kolot, *Tesis*, Program Studi Teknik Lingkungan ITB, Bandung.



Supriyadi, E., 2009, Penerapan Model Finite Length Line Source Untuk Menduga Konsentrasi Polutan Dari Sumber Garis (Studi Kasus: Jl. M.H. Thamrin, Dki Jakarta), *Skripsi*, Departemen Geofisika dan Meteorologi FMIPA IPB, Bogor.

Ukaigwe, S.A., and Osoka, E.C., 2013, Air Quality Monitoring Using Model: A Review, *Int. J. Sci. Res.*, 2(9), 217-221.

Wahab, A.S.A., 2006, The Role Of Meteorology On Predicting SO<sub>2</sub> Concentrations Around A Refinery: A Case Study From Oman, *Ecol. Modell.*, 197, 13-20.