

DAFTAR PUSTAKA

- [1] Tugaswati.A.T,"Review of Air Pollution and Its Health Impact in Indonesia",1993
- [2] Asiati.S, Budiawati.T, Avia.L.Q," Acid Deposition in Bandung",2001
- [3] Abulude.F.O, " Particulate Matter: An Approach To Air Pollution",2016
- [4] Lestari.P, Savitri. "Atmospheric Particulate Concentration Measured in an Urban Area Bandung". 2003
- [5] Cauda.E, Hernandez.S, Fino.D, Saraco.G, and Specchia.V “PM0.1 Emissions during Diesel Trap Regeneration ”, 2006
- [6] Amaral.S.S, De Carvalho, J. A., Costa, M. A. M. & Pinheiro.C. “An overview of particulate matter measurement instruments.”.2015
- [7] Nakayama, T., Matsumi, Y., Kawahito, K., & Watabe, Y. “Development and evaluation of a palm-sized optical PM2.5 sensor”.2018
- [8] Zikova.N, Hopke.P.K, Ferro.A.R, "Evaluation of new low-cost particle monitors for PM2.5 concentrations measurements", 2017
- [9] Njalson.T, Novosellov.I," Design and Optimization of a Compact Low-Cost Optical Particle Sizer",2018
- [10] Gao.R.S, Perring.A.E, Thornberry.T.D, Rollins.A.W, Schwarz.J.P, Ciciora.S. J, & Fahey.D.W. "A High-Sensitivity Low-Cost Optical Particle Counter Design",2013.
- [11] Njalson.T, Novosellov.I," Design and Optimization of a Compact Low-Cost Optical Particle Sizer",2018
- [12] Santosa.S.J, Okuda.T, Tanaka.S,"Air Pollution and Urban Air Quality Management in Indonesia". 2008
- [13] Brook.R.D, Rajagopalan.R, Pope.C.A," Particulate Matter Air Pollution and Cardiovascular Disease An Update to the Scientific Statement From the American Heart Association",2010
- [14] Cauda.E, Hernandez.S, Fino.D," PM0.1 Emissions during Diesel Trap Regeneration", 2006.
- [15] Allen.G, Siotuas.C, Koutrakis.P" Evaluation of the TEOM® Method for Measurement of Ambient Particulate Mass in Urban Areas".2012

- [16] Dutta.A, Member, IEEE, C.Werner, " Stochastic Resonance-enhanced Laser-based Particle Detector ",2009
- [17] XL4015 Datasheet [Online]
<http://www.xlsemi.com/datasheet/XL4015%20datasheet.pdf>
- [18] Nagahama.S, Yanamoto.T, Sano.M," Wavelength Dependence of InGaN Laser Diode Characteristics",2001.
- [19] Trusted Longtime Seller – KC 01 series Optimal for hard disk dust measurement and management” dalam Airbone Particle Counter KC-01E. Rion Co., LTD, Tokyo, Japan.
- [20] THORLAB [Online]
<https://www.thorlabs.com/thorproduct.cfm?partnumber=PDA25K>
- [21] Desmukh.A.D, Shinbe.U.B, "A Low Cost Environment Monitoring System Using Raspberry Pi and Arduino with Zigbee"
- [22] Tasdemir.Y, Holsen.T.M,"Measurement of particle phase dry deposition fluxes of polychlorinated biphenyls (PCBs) with a water surface sampler",2004
- [23] Standalone: Sharp dust Sensor [Online]
<http://arduino.dev.woofex.net/2012/12/01/standalone-sharp-dust-sensor/>
- [24] Platt.U, feilsticker.K.P,“Springer Handbook of Laser and Optics”, 2007
- [25] McCartney.E.J," Optics of the Atmosphere - Scattering by Molecules and Particles",1976.
- [26] Gao,R.S,Telg.H, McLaughlin.R.J, Ciciora.S.J, Watts.L.A,Richardson.M.S, "A light-weight, high-sensitivity particle spectrometer for PM2. 5 aerosol measurements." *Aerosol Science and Technology* 50 “, 2016
- [27] Yu, Xiaoyu, Yunbo Shi, Tian Wang, and Xu Sun. "Dust-concentration measurement based on Mie scattering of a laser beam.", 2017
- [28] Shao, Wenjia, Hongjian Zhang, and Hongliang Zhou. "Fine particle sensor based on multi-angle light scattering and data fusion.", 2017
- [29] Thorlabs [Online]. <https://www.thorlabs.com/drawings/b928edcf1a2da9c6-84059D80-A3B6-1AE1-57C3C746E7711DE3/PDA25K-Manual.pdf>
- [30] Mamali, Dimitra, Eleni Marinou, Jean Sciare, et al. "Vertical profiles of aerosol mass concentration derived by unmanned airborne in situ and remote sensing instruments during dust events.", 2018

- [31] Shao, Wenjia, Hongjian Zhang, and Hongliang Zhou. "Mathematical modeling and parameter optimization of fine particle sensors based on laser light scattering.", 2017
- [32] Vaicdan.F, Chandra.I, and Suhendi.A, "Pengamatan Konsentrasi Massa Pm2.5 Di Cekungan Udara Bandung Raya.", 2019
- [33] Massabò, D., V. Bernardoni, M. C. Bove, A. Brunengo, et al "A multi-wavelength optical set-up for the characterization of carbonaceous particulate matter.", 2013
- [34] Chow, Judith C., John G. Watson, Mark C. Green, et al "Separation of brown carbon from black carbon for IMPROVE and Chemical Speciation Network PM2.5 samples.", 2018
- [35] Yuan, J. F., X. F. Huang, L. M. Cao, J. Cui, Q. Zhu, C. N. Huang, Z. J. Lan, and L. Y. He. "Light absorption of brown carbon aerosol in the PRD region of China.", 2016
- [36] Liu, Shang, Allison C. Aiken, Kyle Gorkowski, Manvendra K. Dubey, Christopher D. Cappa, Leah R. Williams, Scott C. Herndon et al. "Enhanced light absorption by mixed source black and brown carbon particles in UK winter.", 2015
- [37] Jiayu Li, Pratim Biswas. "Optical Characterization Studies of a Low-Cost Particle Sensor.", 2017
- [38] Gao.R.S, Telg.H, McLaughlin.R.J "A light-weight, high-sensitivity particle spectrometer for PM2.5 aerosol measurements", 2016
- [39] Dfrobot [Online] : <https://www.dfrobot.com/product-1272.html>
- [40] Sayahi,T, Butterfield.A, Kelly.K.E," Long-term field evaluation of the plantower PMS low-cost particulate matter sensors", 2018