

## DAFTAR PUSTAKA

- Bilal, M., Nichol, J. E., Bleiweiss, M. P. & Dubois, D., 2013. A simplified high resolution MODIS Aerosol Retrieval Algorithm (SARA) for use over mixed surface. *Remote Sensing of Environment*. Volume 136, p. 135 – 145.
- CCSP, 2009. *Atmospheric Aerosol Properties and Climate Impacts. A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research*. Washington, D.C., USA : National Aeronautics and Space Administration
- Chai, T., dan R. R. Draxler. 2014. Root mean square error (RMSE) or mean absolute error (MAE)? – Arguments against avoiding RMSE in the literature. *Geosci*. Volume 7, 1247–1250
- Chander, G. Markham B.L., Helder, D.L. 2009. Summary of current radiometric calibration coefficients for Landsat MSS, TM, ETM+, and EO-1 ALI sensors. *Remote Sens. Environent*. Volume 113, 893–903.
- Clarke, A. D., Collins, W. G., Rasch, P. J., Kapustin, V. N., Moore, K., Howell, S. 2001. Dust And Pollution Transport On Global Scales : Aerosol Measurements And Model Prediction. *Jurnal Of Geophysical Research*. Volume 106, 3255-32569
- Danoedoro, P. 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: ANDI
- Giorgi, F. et al., 2001. *Regional Climate Information – Evaluation and Projections. Dalam : Climate Change : The Scientific Basis. Contribution of Working Group I to the Third Assesment Report of the Intergovermental Panel on Climate Change*. Cambridge, United Kingdom and New York, USA : Cambridge University Press, pp. 5844-638
- <https://aeronet.gsfc.nasa.gov> [Diakses pada 28 Desember 2018]
- <https://landsat.usgs.gov/landsat-8> [Diakses pada 20 Desember 2018]
- Henderson, B.G., Chylek, P., 2005. The effect of spatial resolution on satellite aerosol optical depth retrieval. *Geosci, Remote Sensing*. Volume 43 (9), 1984-1990

- Holben, B. N., Tanre, D., Smirnov, A., Eck, T. F., Slutsker, I., Abuhassan, N.2001.  
An Emerging Ground Based Aerosol Climatology : Aeerosol Optical Depth  
From AERONET. *Journal Of Geophysical Research*, 106, 12067 - 12097
- Kahn, R.A. et al., 2009. *Introduction. Dalam : Atmospheric Aerosol Properties and  
Climate Impact. Washington, D. C., USA : National Aeronautics and Space  
admonostraton*, pp. 9-20
- Kaloustian, Noushig dan Benjamin Bechtel. 2016 . Local Climatic Zoning and  
Urban Heat Island in Beirut. 4th International Conference on  
Countermeasures to Urban Heat Island (UHI). *Procedia Engineering*.  
Volume 169 ( 2016 ) 216 – 223
- Karakizi, C., Konstantinos, K., Maria, V., Georgia A., 2018. Detailed Land Cover  
Mapping from Multitemporal Landsat-8 Data of Different Cloud Cover.  
*Remote Sens*. Volume 10, 1214
- Kaufman, Y.J., Wald, A.E., Remer, L.A. 1997. The MODIS 2.1- $\mu$ m channel-  
correlation with visible reflectance for use in remote sensing of aerosol.  
*IEEE*
- Kokhanovsky, A. A. 2008. *Aerosol Optics : Light Absorption and Scattering by  
Particles in the Atmosphere*. Bremen : Praxis
- Kokhanovsky, A. A. & Leeuw, G. d., 2009. *Satellite Aerosol Remote Sensing Over  
Land*. Chichester, UK: Praxis Publishing Ltd.
- Kokhanovsky, A. A. & Leeuw, G. d., 2009. *Satellite Aerosol Remote Sensing Over  
Land, dalam Landolt-Bornstein*, 4b, 391-456. Berlin : Springer
- Lenoble, J., Remer, L.A. & Tame, D., 2013. *Aerosol Remote Sensing. Chichester,  
UK : Praxis Publishing Ltd*
- Levy, R.C., L.A. Remer, S. Mattoo, et al., 2007. Second-generation operational  
algorithm: Retrieval of aerosol properties over land from inversion of

- Moderate Resolution Imaging Spectroradiometer spectral reflectance. *J. Geophys. Res.*, 112, D13211, doi:10.1029/2006JD007811.
- Lillesand, Thomas M., Ralph W. Kiefer.1990. *Penginderaan Jauh dan Interpretasi Citra*. Yogyakarta : Gadjah Mada University Press
- Li, B., Yuan, H., Feng, N., Tao, S., 2010. Spatial And Temporal Variations Of Aerosol Optical Depth In China During The Period From 2003 To 2006. *Int. J. Remote Sens.* Volume 31 (7), 1801–1817
- Lo, C. P., 1996. *Penginderaan Jauh Terepan (Terjemahan)*. Jakarta : UI Press.
- Luo, Nana, Man S. W., Wenji Z., Xing Y., Fei X., 2015. Improved Aerosol Retrieval Algorithm Using Landsat Images and its Application for PM 10 Monitoring Over Urban Areas. *Atmospheric Research*. Volume 153 (2015) 264-275
- Pahlevan, N. Lee, Z. Wei, J. Schaaf, C.B., Schott, J.R. Berk, A. 2104. On-orbit radiometrik characterization of OLI (Landsat-8) for applications in aquatic remote sensing. *Remote Sens. Environ.* 2014, 154, 272–284.
- Permana, Donaldi.2011. Analisis Data Meteorologi Dari Pemantau Cuaca Otomatis Berbagai Elevasi Dan Data Radiosonde Di Papua. *Jurnal Meteorologi Dan Geofisika* .Volume 12 Nomor 2 - September 2011: 151 – 162.
- Phiri, Darius dan Justin Morgenroth. 2017. Developments in Landsat Land Cover Classification Methods: A Review. *Remote Sens.* 2017. Volume 9, 967; doi:10.3390/rs9090967
- Pons, X., Arcalis, A. 2012. *Diccionari terminologic de Teledeteccio, Enciclopedia Catalana and Institut Cartigrafic de Catalunya. Barcelona*. ISBN: 978-84041202248-6.
- Pons, X., L., Pesquerer., J Cristobal, O. Gonzalez-Guerrero.2014. Automatic and improved radiometrik correction of Landsar imagery using Reference

- Values from MODIS Surface Reflectance Images. *International Journal of Applied Earth Observation and Geoinformation*. Volume 33(214) 243-254
- Remer, L. A., et al., 2009. Executive Summary. *Atmospheric Aerosol Properties and the Hydrological Cycle*. Science, Volume 294, pp. 2119-2124
- Restu, D. C., 2018. *Distribusi Spasial Aerosol di Pulau Jawa dan Sekitarnya Menggunakan Citra MODIS dengan Metode Simplified Aerosol Retrieval Algorithm [skripsi]*. Yogyakarta : Universitas Gadjah Mada
- Richards, J. A., 2013. *Remote Sensing Digital Image Analysis*. Heidelberg, New York ; Dordrecht, London : Springer
- Schroeder, Todd A., Warren B. C., Chonge S., Morton J. C., Zhiqiang Y., 2006. Radiometric correction of multi-temporal Landsat data for characterization of early successional forest patterns in western Oregon. *Remote Sensing of Environment* .Volume 103 (2006) 16-26
- Sugiyono, 2014. *Statistika untuk Penelitian*. Bandung Alfabeta
- Sun, L.; Wei, J.; Bilal, M.; Tian, X.; Jia, C.; Guo, Y.; Mi, X. 2016. Aerosol optical depth retrieval over bright areas using Landsat 8 OLI images. *Remote Sens*.Volume 8, 23
- Sungkawa, Iwa. 2013. Penerapan Analisis Regresi dan Korelasi dalam Menentukan Arah Hubungan antara Dua Faktor Kualitatif pada Tabel Kontingensi. *Jurnal Mat Stat* .Vol.13 No 1 Januari 2013
- Thomas,C.D.,Cameron,A.,Green,R.E.,Bakkenes,M.,Beaumont,L.J.,Collingham,Y. C.2004.Extinction risk from climate change.*Nature*. Volume 427(6970),145–148. <https://doi.org/10.1038/nature02121>
- Turner,W.,RondininiC.,Pettorelli,N.,Mora,B.,Leidner,A.K.,Szantoi,Z.,Buchanan, G.,Dech,S.,Dwyer,J., Herold, M. 2015. *Free and open-access satellite data are key to biodiversity conservation*. *Biol. Conserv*. Volume182, 173–176

- Vankatesan, E., S.Selvaragini.2017. A Study On The Geometrik Correction Using Satellite Images. *International Journal of Pure and Applied Mathematics*. Volume 116 No 16 2017, 471-477
- Wang, Yi, Jun Wang, Robert C. Levy, Xiaoguang XU, dan Jeffery S. Reid. 2017. *MODIS Retrieval of Aerosol Optical Depth over Turbid Coastal Water*. MDPI : Remote Sensing of Atmospheric Pollution
- Wei, Jing., Bo Huang, Lin Sun, Zhaoyang Zhang, Lunche Wang, Muhammad Bilal.2017. *A Simple and Universal Aerosol Retrieval Algorithm for Landsat Series Images Over Complex Surfaces*. *Journal of Geophysical Research: Atmosphere*.Volume122,133,338-13,355
- Wulder, M.A., White, J.C., Loveland, T.R., Woodcock, C.E., Belward, A.S., Cohen, W.B., Fosnight, E.A., Shaw, J., Masek, J.G., Roy, D.P. 2016. The global Landsat archive: Status, consolidation, and direction. *Remote Sens. Environ*. Volume 185, 271–283.
- Zhang, Y.L., Cao, F., 2015. Fine particulate matter (PM<sub>2.5</sub>) in China at a city level. *Sci. Rep.* 5 14884
- Zhang, Wenting, Qingqing Heb, Haijun Wangc, Kai Caod,, Sanwei Hee. 2018. Factor analysis for aerosol optical depth and its prediction from the perspective of land-use change. *Journal Elsavier Ecological Indicators*. Volume 93 (2018) 458-469