

DAFTAR PUSTAKA

- Albrecht, B., 1989. Aerosols, cloud microphysics, and fractional cloudiness. *Science*, Volume 245, pp. 1227-1230.
- Armstrong, J. S., 2012. Illusion in Regression Analysis. *International Journal of Forecasting*, 28(3), pp. 689-694.
- Battan, L. J., 1873. *Radar Observation of the Atmosphere*. Chicago; London: The University of Chicago Press.
- Bilal, M., Nichol, J. E., Bleiweiss, M. P. & Dubois, D., 2013. A simplified high resolution MODIS Aerosol Retrieval Algorithm (SARA) for use over mixed surfaces. *Remote Sensing of Environment*, Volume 136, p. 135–145.
- Calvello, M., Esposito, F., Pavese, G. & Serio, C., 2010. Physical and Optical Properties of Atmospheric Aerosols by In-Situ and Radiometric Measurements. *Atmospheric Chemistry and Physics*, p. 2195–2208.
- 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*. [Mian Chin, Ralph A. Kahn, and Stephen E. Schwartz (eds.). Washington, D.C., USA: National Aeronautics and Space Administration.
- Charlson, R. J. *et al.*, 2007. On the climate forcing consequences of the albedo continuum between cloudy and clear air. *Tellus B*, 59(4), pp. 715-727.
- Chavez, S., 1988. An improved dark-object subtraction technique for atmospheric scattering correction. *Remote Sensing Environment*, Volume 24, p. 459–479.
- Clarisse, L. *et al.*, 2013. A Unified Approach to Infrared Aerosol Remote Sensing and Type Specification. *Atmospheric Chemistry and Physics*, 13(4), p. 2195–2221.
- Craig, D. & Thirunamachandran, T., 1989. Third-body mediation of resonance coupling between identical. *Chem. Phys*, 135(1), p. 37–48.
- Danoedoro, P., 2012. *Pengantar Penginderaan Jauh Digital*. Yogyakarta: ANDI.

- Danoedoro, P., 2012. *Pengantar Peninderaan Jauh Digital*. Yogyakarta: Penerbit 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 Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, United Kingdom and New York, USA: Cambridge University Press, pp. 584-638.
- Gordon, H. & Clark, D., 1981. Clear water radiances for atmospheric correction of coastal zone color. *Application Optic*, 20(4), p. 713–720.
- Gunn, R. & Phillips, B. B., 1957. An experimental investigation of the effect of air pollution on the initiation of rain. *Journal of Meteorology*, Volume 14, pp. 272-280.
- He, J., Zha, Y., Zhang, J. & Gao, J., 2014. Aerosol Indices Derived from MODIS Data for Indicating Aerosol-Induced Air Pollution. *Remote Sens.*, 6(2), pp. 1587-1604.
- Jackson, J., 1962. *Classical electrodynamics*. 3 penyunt. Wiley, New York,: American association of physics teachers.
- Kahn, R. A. *et al.*, 2009. Introduction. Dalam: *Atmospheric Aerosol Properties and Climate Impacts*. Washington, D.C., USA: National Aeronautics and Space Administration, pp. 9-20.
- Kaufman, Y., 1989. The atmospheric effect on remote sensing and its correction. Dalam: G. Asrar, penyunt. *Theory and*. Wiley, New York: s.n., p. 336–428.
- Kokhanovsky, A. A., 2008. *Aerosol Optics: Light Absorption and Scattering by Particles in the Atmosphere*. Chichester, UK: Praxis Publishing Ltd.
- Kokhanovsky, A. A. & Leeuw, G. d., 2009. *Satellite Aerosol Remote Sensing over Land*. Chichester, UK: Praxis Publishing Ltd.
- Koren, I. *et al.*, 2007. On The Twilight Zone Between Clouds and Aerosol. *Geophysical Research Letters*, 34(8).

- Lenoble, J., Remer, L. A. & Tame, D., 2013. *Aerosol Remote Sensing*. Chichester, UK: Praxis Publishing Ltd.
- Lillesand, T. M. & Kiefer, R. W., 1999. *Penginderaan Jauh dan Interpretasi Citra (Terjemahan)*. Yogyakarta: Gadjah Mada University Press.
- Liou, K. N. & Ou, S.-C., 1989. The Role of Cloud Microphysical Processes in Climate: An Assessment From a One-Dimensional Perspective. *Journal of Geophysical Research*, Volume 94, pp. 8599-8607.
- Lo, C. P., 1996. *Penginderaan Jauh Terapan (Terjemahan)*. Jakarta: UI Press.
- Luo, N. *et al.*, 2015. Improved Aerosol Retrieval Algorithm using Landsat Images and Its Application for PM10 Monitoring Over Urban Areas. *Atmospheric Research*, Volume 153, p. 264–275.
- NASA, 2016. *MODIS Web*. [Online] Available at: <https://modis.gsfc.nasa.gov> [Diakses 2 April 2017].
- Penner, J. E. & Novakov, T., 1996. Carbonaceous particles in the atmosphere: a historical perspective to the fifth international conference on carbonaceous particles in the atmosphere. *Journal of Geophysical Research: Atmosphere*, 101(D14), pp. 19373-19378.
- Pflug, B., Main-Knorn, M., Makarau, A. & Richter, R., 2015. Validation of aerosol estimation in atmospheric correction algorithm ATCOR. *Int. Arc. of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, Volume XL-7/W3, pp. 667-683.
- Qu, J. J., Alfred M. Powell, J. & Sivakumar, M., 2013. *Satellite-based Applications on Climate Change*. Dordrecht: Springer.
- Ramanathan, V., Crutzen, P., Kiehl, J. & Rosenfeld, D., 2001. Aerosols, Climate, and the Hydrological Cycle. *Science*, Volume 294, pp. 2119-2124.
- Remer, L. A. *et al.*, 2009. Executive Summary. Dalam: *Atmospheric Aerosol Properties and Climate Impacts*. Washington, D.C., USA: National Aeronautics and Space Administration, pp. 1-5.

- Richards, J. A., 2013. *Remote Sensing Digital Image Analysis*. 5 penyunt. Heidelberg, New York; Dordrecht, London: Springer.
- Shimoda, H., 2013. Remote Sensing Data Applications. Dalam: J. Pelton, S. Madry & S. Camacho-Lara, penyunt. *Handbook of Satellite Applications*. New York: Springer Science; Business Media, pp. 865-933.
- Simha, C. P., Devara, P. C. S. & Saha, S. K., 2013. Aerosol pollution and its impact on regional climate during Holi festival inferred from ground-based and satellite remote sensing observations. *Natural Hazard*, 69(1), pp. 889-903.
- Stein, A., 2002. Some basic elements of statistics. Dalam: A. Stein, F. D. v. d. Meer & B. Gorte, penyunt. *Spatial Statistics for Remote Sensing*. Dordrecht: Kluwer Academic Publishers, pp. 9-26.
- Sugiyono, 2014. *Statistika untuk Penelitian*. Bandung: Alfabeta.
- Sun, L. *et al.*, 2016. Aerosol Optical Depth Retrieval over Bright Areas Using Landsat 8 OLI Images. *Remote Sensing (ISSN 2072-4292)*, 8(1).
- Sutanto, 1994. *Penginderaan Jauh Jilid 2*. Yogyakarta: Gadjah Mada University Press.
- Sutanto, 2013. *Metode Penelitian Penginderaan Jauh*. Yogyakarta: Ombak.
- Tariq, S., Ul-Haq, Z. & Ali, M., 2016. Satellite and Ground-Based Remote Sensing of Aerosols during Intense Haze Event of October 2013 over Lahore, Pakistan. *Asia-Pacific Journal of Atmospheric Sciences*, 52(1), pp. 25-33.
- Trewin, B., 2010. Exposure, Instrumentation, and Observing Practice Effects on Land Temperature Measurements. *Wiley Interdisciplinary Reviews: Climate Change*, 1(4), pp. 490-506.
- Twomey, S., 1977. The influence of pollution on the shortwave albedo of clouds. *Journal of the Atmospheric Sciences*, Volume 34, pp. 1159-1152.
- Vermote, E. F., Kotchenova, S. Y. & Ray, J. P., 2011. *MODIS Surface Reflectance User's Guide Ver. 1.3*. -: -.
- Vermote, E. *et al.*, 2006. *Second Simulation of a Satellite Signal in the Solar Spectrum: 6S User Guide Version 3*. [Online] Available at: <https://modis->

[atmos.gsfc.nasa.gov/reference/docs/Vermote et al. \(1997b\).pdf](https://atmos.gsfc.nasa.gov/reference/docs/Vermote_et_al._(1997b).pdf)

[Diakses 20 Maret 2017].

White, D. A., 2017. *The MODIS Conversion Toolkit (MCTK) User's Guide*.

[Online] Available at: <https://github.com/dawhite/MCTK/> [Diakses September 2017].

Wilson, R. T., 2013. Py6S: A Python interface to the 6S Radiative Transfer Model.

Computers and Geosciences, Volume 51, pp. 166-171.