

## DAFTAR PUSTAKA

- Adidarma, W. K., 2010. Dampak Perubahan Iklim Terhadap Pola Hujan Dikhususkan Bagi Pertanian di Pulau Sumatera dan Kalimantan. *Jurnal Teknik Hidraulik*, Vol. 1 No. 1, Juni 2010: 1 – 94.
- Arhens, C.D. (2008). *Essential of Meteorology: An Invitation to the Atmosphere*. Belmont: Brooks/Cole.
- Arhens, C. D. (2009). *Meteorology Today: An Introduction on Weather, Climate, and The Environment*. Belmont: Brooks/Cole.
- Asfaw, A., Simane, B., Hassen, A., dan Bantider, A.. 2018. Variability and time series trend analysis of rainfall and temperature in northcentral Ethiopia: A case study in Woleka sub-basin. *Journal of Weather and Climate Extremes* 19 (2018) 29–41.
- Biasutti, M., Yutter, S.E., Burleyson, C.D., Sobel A.H., (2011). Very high resolution rainfall patterns measured by TRMM precipitation radar: seasonal and diurnal cycle. *Journal of Climatic Dynamic, Clim Dyn* (2012) 39:239–258.
- Bayong. T. 2004. *Klimatologi*. Bandung: ITB Press.
- Bayong, T. 2008. *Sains Atmosfer*. Jakarta: Badan Meteorologi, Klimatologi, dan Geofisika.
- Chakraborty, S. Pandey, R.P., Chaube, U.C., dan Mishra, S. K. (2013). Trend and Variability Analysis of Rainfall Series at Seonath River Basin, Chhattisgarh (India). *Int. Journal of Applied Sciences and Engineering Research*, Vol. 2, Issue 4, 2013.
- Chikozho, C. (2010). Applied social research and action priorities for adaptation to climate change and rainfall variability in the rainfed agricultural sector of Zimbabwe. *Journal of Physics and Chemistry of the Earth* 35 (2010) 780–790.
- Chowdhury, R. K., and Eslamian, S. (2014). Climate Change and Hydrologic Modelling. Dalam S. Eslamian (Editor), *Handbook of Engineering Hydrology: Modeling, Climate Change, and Variability*. New York: CRC Press.
- Cifrodelli, M. Corradini, C.C., Morbideli, R., Saltalippi, C., Flammini, A. (2015). The Influence of Climate Change on Heavy Rainfalls in Central Italy. *Procedia Earth and Planetary Science* 15 (2015) 694-701.
- Dourte, D. R., Fraisse, C. W., and Bartels, W. L. (2015). Exploring changes in rainfall intensity and seasonal variability in the southern U.S.: Stakeholder

engagement observations, and adaptation. *Journal of Climate Risk Management* 7 (2015) 11-19.

Farzaneh, M. R., Eslamian, S., and Mirnezami, S. J. E. (2014). Climate Change: Uncertainty, Impact, and Adaptation. Dalam S. Eslamian (Editor), *Handbook of Engineering Hydrology: Modeling, Climate Change, and Variability*. New York: CRC Press.

Fawzia, A.A., dan Wirandiputra, R.A.. (2015). Pengujian Data Hujan Pada Stasiun Hujan Meliputi Stasiun Prumpung, Stasiun Dolo, Stasiun Jangkang, Dan Stasiun Gondangan Di Lereng Gunungapi Merapi, DIY. *Jurnal Meteorologi, Klimatologi, dan Geofisika* Vol.2 Juni 2015.

Ferrari, E. (2009). Statistical Techniques for Investigating Rainfall Variability at Monthly and Annual Time Scale. *Inter. Workshop on: Evaluation des changements globaux sur les regimes hydrologique et les ressources an eau.* (online) *Universite Mohamed V-Agdal, Faculte des Sciences Rabat (Maracco) 10-11 Decembre 2009.*

Habibie, M.N., Nuraini, T.A., (2014) . Karakteristik dan Tren Perubahan Suhu Permukaan Laut Di Indonesia Periode 1982-2009. *Jurnal Meteorologi dan Geofisika* Vol. 15 No. 1 Tahun 2014 : 37-49.

Hadiwijoyo, P. (1987). *Kamus Hidrologi*. Jakarta: Pusat Pembinaan dan Pengembangan Bahasa, Departemen Pendidikan dan Kebudayaan.

Hanaki, K. (2008.). Global Climate Change and Cities. Dalam Hanaki, K (Editor) *Urban Environmental Management and Technology*. London : Springer.

Hipel dan McLeod (1994) *Mann-Kendall Trend Test*. (online) Appendix.

Hong, Y., Liu, L., Qiao, L., and Adhikari, P. (2014 ). Climate Change and Hydrological Hazards. Dalam S. Eslamian (Editor), *Handbook of Engineering Hydrology: Modeling, Climate Change, and Variability*. New York: CRC Press.

Houri, Z.Al.. (2014). Detecting Variability and Trends in Daily Rainfall Characteristics in Amman-Zarqa Basin, Jordan. *Int. Journal of Applied Science and Technology*. Vol. 4 No. 6; November 2014.

Huggett, P. (2010). *Key Concept of Physical Geography*. New York: Cambridge Press.

Indarto, Susanto, B., Diniardi, M.. (2011). Analisis Kecenderungan Data Hujan di Jawa Timur Menggunakan Metode Mann-Kendal dan Rank-Sum Test. *JTEP Jurnal Keteknikan Pertanian* Vol. 25. No., 1, April 2011.

IPCC. 2008. *Climate Change and Water: IPCC Technical Paper VI*. Geneva: IPCC.

- IPCC. 2013. *Climate Change 2013: The Physical Science Basis: Working Group I Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Geneva: IPCC.
- Juaeni, I. (2006). Analisis Variabilitas Curah Hujan Wilayah Indonesia Berdasarkan Pengamatan Tahun 1975-2004. *Jurnal Matematika Vol. 9, No.2, Agustus 2006:171-180*
- Khakhim, N., Jatmiko, R. H., Nurjani, E., Daryono, B. S.. (2013). *Perubahan Iklim dan Pemanfaatan SIG Kawasan Pesisir*. Yogyakarta: UGM Press.
- Kirono, D. G. C., (2002). Musim di Indonesia: Trend dan Variasi Multi-Dekade. *Majalah Geografi Indonesia Volume 16 Nomer 1 Maret 2002 Halaman 11-40*.
- Kirono, D. G. C., Butler, J.R.A., McGregor J.L., Ripaldi, A., Katzfey, J. Nguyen, K.. et al. (2016). Historical and future seasonal rainfall variability in Nusa Tenggara Barat Province, Indonesia: Implications for the agriculture and water sectors. *Journal of Climate Risk Management*.
- Laimeheriwa, S. (2014). Analisis Tren Perubahan Curah Hujan pada Tiga Wilayah dengan Pola Hujan yang Berbeda di Provinsi Maluku. *Jurnal Budidaya Pertanian, Vol. 10. No. 2, Desember 2014, Halaman 71-78*.
- Longobardi, A. dan Villani, P. 2010. Trend analysis of annual and seasonal rainfall time series in the Mediterranean area. *International Journal of Climatology Int. J. Climatol. 30: 1538–1546 (2010)*.
- Loo, Y. Y., Billa L., Singh, A. (2015). Effect of climate change on seasonal monsoon in Asia and its impact on the variability of monsoon rainfall in Southeast Asia. *Journal of Geoscience Frontiers 6 (2015) 817e823*.
- Mark, O. and Paludan, B. (2014). Climate Change and Urban Water System. Dalam S. Eslamian (Editor), *Handbook of Engineering Hydrology: Modeling, Climate Change, and Variability*. New York: CRC Press.
- Maslakah, F. A. (2015). Tren Temperatur dan Hujan Ekstrim di Juanda Surabaya Tahun 1981-2013. *Jurnal Meteorologi dan Geofisika Vol. 16 No. 3 Tahun 2015 : 135-143*.
- McGregor, G.R. and Nieuwolt. (1998). *Tropical Climatology: An Introduction to the Climate of the Low Latitude Second Ed.*Toronto: John Willey and Sons.
- Montello, D.R., Sutton, P.C. 2013. *An Introduction to Scientific Research Methods in Geography and Environmental Studies*. London: SAGE.
- Mujere, N., Eslamian, S. (2014 ). Climate Change Impact on Hydrology and Water Resources. Dalam S. Eslamian (Editor), *Handbook of Engineering Hydrology: Modeling, Climate Change, and Variability*. New York: CRC Press.

- Mulyana, E. 2002. Hubungan Antara Enso Dengan Variasi Curah Hujan Di Indonesia. *Jurnal Sains & Teknologi Modifikasi Cuaca*, Vol. 3, No. 1, 2002: 1-4.
- Mulyana, E. 2002. Pengaruh Dipole Mode Terhadap Curah Hujan di Indonesia. *Jurnal Sains & Teknologi Modifikasi Cuaca*, Vol. 3, No. 1, 2002: 39-43.
- Nara, O. D. (2017). Analisis Kecendrungan Curah Hujan Terhadap Distribusi Data Ekstrem Pada Daerah Aliran Sungai di Pulau Ambon. *Jurnal Logic*. Vol. 17. No. 1. Maret 2017.
- Nugroho, B.D.A. 2015. Relationship between Sea Surface Temperature (SST and rainfall distribution Pattern in South Central Java, Indonesia. *Indonesian Journal of Geography* Vol. 47 No.1, June 2015.
- Nugroho, B.D.A. 2016. *Fenomena Iklim Global Perubahan Iklim, dan Dampaknya di Indonesia*. Yogyakarta: Gadjah Mada University Press.
- Nurjani, E. (2015). Karakteristik Spasiotemporal Curah Hujan di Daerah Perkotaan Yogyakarta sebagai Fungsi Penutup Lahan. *Desertasi*. Program Pascasarjana Fakultas Geografi Universitas Gadjah Mada.
- Park, J.H., Inam, E., Abdullah, M.H., Agustiyani, A., Duan, L., Hoang, T.T., Kim, K.W., Kim, D.K., et al. (2011). Implications of rainfall variability for seasonality and climate-induced risks concerning surface water quality in East Asia. *Journal of Hydrology* 400 (2011) 323–332.
- Pramudia, et. al. 2015. Dinamika Iklim di Indonesia. diakses dari <http://www.litbang.pertanian.go.id/buku/katam/bagian-2.pdf> pda 19 Maret 2018 pukul 08.54.
- Prawirowardoyo, S.. (1996). *Meteorologi*. Bandung: ITB.
- Prayoga, B. M., Sobirin, dan Kustratmoko, E. (2013). Kecenderungan Perubahan Curah Hujan Periode 1980-2009 di Daeah Aliran Waay Sekampung, Lampung. (online). *Departement Geografi, Fakultas Matematika dan Ilmu Pengetahuan Alam, UI*.
- Ratag, M.A., dan Harijono, S.W.B. (2006). *Pemodelan Sistem Iklim*. Jakarta: BMKG.
- Ratag, M. A. (2008). *Perubahan Iklim: Isu-Isu Ilmiah*. Jakarta: BMKG.
- Richardson, K., Wil S., and Diana L. (2011). *Climate Change Globl Risk, Challenges and Decisions*. Cambridge: Cambridge University Press.
- Riverningtyas, S. I. (2015). Analisis Ketersediaan Air Meteorologis dan Kebutuhan Air Domestik di Kota Palu, Provinsi Sulawesi Tengah. *Skripsi*. Fakultas Geografi, Universitas Gadjah Mada.

- Satyawardhana, H. 2010. Karakteristik Penyimpangan Curah Hujan Saat Kejadian Enso (El Nino Southern Oscillation) di Indonesia Berbasis Satelit TRMM. *Prosiding Seminar Penerbangan dan Antariksa 2010 Sub Seminar Sains Atmosfer dan Iklim Serpong, 15 Nopember 2010.*
- Setiawan, O. (2012). Rainfall and Temperature Variability Analysis in Bali. *Jurnal Analisis Kebijakan Kehutanan*. Vol. 9 No. 1, April 2012 : 66 – 79.
- Storer, T.(2014). Extreme Weather Events and Public Perception of Climate Change. Dalam Morhardt, J.E. (Editor) *Consequences of Global Climate Change*. California: Claremont Academic Press.
- Subarna, D. (2014)09. Uji Kecenderungan Unsur-Unsur Iklim di Cekungan Bandung Dengan Metode Mann-Kendall. *Berita Dirgantara Vol. 15 No. 1 Juni 2014:1-6*
- Sunyer, M.A., Madsen, H., Ang, P.H. (2012). A comparison of different regional climate models and statistical downscaling methods for extreme rainfall estimation under climate change. *Journal of Atmospheric Research* 103 (2012) 119-128.
- Suryantoro, A. (2009). Analisis Variabilitas Curah Hujan Manado 1951-2007 dan Faktor Utama yang Mempengaruhinya. *Prosiding Seminar Nasional Penelitian, Pendidikan, Dan Penerapan MIPA Fakultas MIPA, Universitas Negeri Yogyakarta, 16 Mei 2009.*
- Susanto, S. (1999). Deteksi Awal Perubahan Iklim Melalui Analisis Terrestrial Variasi Hujan Musiman. *Jurnal Agritech Vol. 19 No. 4 Tahun 1999 Halaman 189-195.*
- Sushant, S., Balasubramani, K., dan Kumaraswamy, K.. (2015). Spatio-temporal Analysis of Rainfall Distribution and Variability in the Twentieth Century, Over the Cauvery Basin, South India. *Environmental Management of River Basin Ecosystems, Springer Earth System Sciences*, DOI 10.1007/978-3-319-13425-3\_2.
- Susilokarti, D, Arif, S. S., Susanto, S., dan Sutiarso, L. (2015). Identifikasi Perubahan Iklim Berdasarkan Data Curah Hujan di Wilayah Selatan Jatiluhur Kabupaten Subang, Jawa Barat. *Jurnal Agritech Vol. 35 No.1 Februari 2015.*
- Syamsudin, F. dan Lestari, S. (2017). Dampak Pemanasan Pulau Perkotaan (UHI) pada peningkatan tren curah hujan Ekstrem dan Aerosol di Megapolitan Jakarta Sejak 1986. *Jurnal Teknologi Lingkungan Vol. 18 No. 1, Januari 2017.*
- Tjasyono, B. K. (2004). *Klimatologi*. Bandung: ITB.
- Tukidi. 2010. Karakter Curah Hujan di Indonesia. *Karakter Curah Hujan di Indonesia volume 7 No. 2 Juli 2010.*

- UN (2007). Global Issues. (Online) <https://kadarsah.wordpress.com/2007/06/29/tiga-daerah-iklim-indonesia/> diakses pada Selasa, 07 September 2016 pukul 14.36.
- Wang, D., Hagen, S.C., Alizad, K. (2013). Climate change impact and uncertainty analysis of extreme rainfall events in the Apalachicola River Basin, Florida. *Journal of Hydrology* 480 (2013) 125–135.
- Wibisono, Y. 2009. *Metode Statistik*. Yogyakarta: Gadjah Mada University Press.
- Willems, P., Nielsen K. A., Olsson J., and Nguyen, V.T.V. (2012). Climate Change impact Assesement on Urban Rainfall extremes and Urban Drainage: Methods and Shortcomings. *Journal of atmospheric research* 103 (2012) 106-118.
- Yanto, Petrus (2008). Perhitungan Debit Limpasan dengan Menggunakan Metode Rasional dan Program Smada ditinjau dari Aspek Tata Guna Lahan. *Skripsi Sarjana*. Fakultas Teknik Universitas Gadjah Mada.
- Yudhiastuti, Berta (2004). Perubahan Iklim di Indonesia Ditinjau dari Unsur Hujan: Perbandingan hujan bulanan antara periode 1961-1980, dan 1981-2000. *Skripsi Sarjana*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada.
- Zhang, D.D., Yan, D.H., Wang Y.C., Lu F., Wu D. (2014). Changes in extreme precipitation in the Huang-Huai-Hai River basin of China during 1960-2010. *Journal of Theor Appl Climatol* (2015) 120:195–209.
- Zongxing, L., He, Y., Wang, P., Theakstone W.H., An W., Wang, X. (2012). Changes of daily climate extremes in southwestern China during 1961–2008. *Journal of Global and Planetary Change* 80–81 (2012) 255–272.