

DAFTAR PUSTAKA

- Aditya, F., Gusmayanti, E., & Sudrajat, J. (2021). Pengaruh Perubahan Curah Hujan terhadap Produktivitas Padi Sawah di Kalimantan Barat. *Jurnal Ilmu Lingkungan*, 19(2). <https://doi.org/10.14710/jil.19.2.237-246>
- Adler, R. F., Gu, G., & Huffman, G. J. (2012). Estimating climatological bias errors for the global precipitation climatology project (GPCP). *Journal of Applied Meteorology and Climatology*, 51(1). <https://doi.org/10.1175/JAMC-D-11-052.1>
- Aldrian, E., & Dwi Susanto, R. (2003). Identification of three dominant rainfall regions within Indonesia and their relationship to sea surface temperature. *International Journal of Climatology*, 23(12). <https://doi.org/10.1002/joc.950>
- As-syakur, A. R., Tanaka, T., Osawa, T., & Mahendra, M. S. (2013). Indonesian rainfall variability observation using TRMM multi-satellite data. *International Journal of Remote Sensing*, 34(21). <https://doi.org/10.1080/01431161.2013.826837>
- Bangsawan, L., Satriagasa, M. C., & Bahri, S. (2021). Improved Performance of the CHIRPS Monthly Rainfall Estimation Extraction from Google Earth Engine (GEE) platform in South Sulawesi Region. *IOP Conference Series: Earth and Environmental Science*, 893(1). <https://doi.org/10.1088/1755-1315/893/1/012057>
- Basrin, R., Sutaji, H. I., Geru, A. S., & Tanesib, J. L. (2021). KARAKTERISTIK PERISTIWA PETIR TERKAIT CURAH HUJAN DI WILAYAH MAUMERE NUSA TENGGARA TIMUR. *Jurnal Fisika : Fisika Sains dan Aplikasinya*, 6(2). <https://doi.org/10.35508/fisa.v6i2.6836>
- Behrangi, A., Khakbaz, B., Jaw, T. C., AghaKouchak, A., Hsu, K., & Sorooshian, S. (2011). Hydrologic evaluation of satellite precipitation products over a mid-size basin. *Journal of Hydrology*, 397(3–4). <https://doi.org/10.1016/j.jhydrol.2010.11.043>
- Beven, K. (2012). Rainfall-Runoff Modelling: The Primer: Second Edition. Dalam *Rainfall-Runoff Modelling: The Primer: Second Edition*. <https://doi.org/10.1002/9781119951001>
- BMKG. (2025). *Automatic Weather Station Information Center*. <https://awscenter.bmkg.go.id/dashboard>. <https://awscenter.bmkg.go.id/dashboard>
- Crawford, R. M. M. (2000). Eco-hydrology: Plants and Water in Terrestrial and Aquatic Environments. *Journal of Ecology*, 88(6). <https://doi.org/10.1046/j.1365-2745.2000.05262.x>
- Dinku, T., Funk, C., Peterson, P., Maidment, R., Tadesse, T., Gadain, H., & Ceccato, P. (2018). Validation of the CHIRPS satellite rainfall estimates over eastern Africa. *Quarterly Journal of the Royal Meteorological Society*, 144. <https://doi.org/10.1002/qj.3244>
- Funk, C., Peterson, P., Landsfeld, M., Pedreros, D., Verdin, J., Shukla, S., Husak, G., Rowland, J., Harrison, L., Hoell, A., & Michaelsen, J. (2015). The climate hazards infrared precipitation with stations - A new environmental record for monitoring extremes. *Scientific Data*, 2. <https://doi.org/10.1038/sdata.2015.66>
- Giarno, G., Dupe, Z. L., & Mustofa, M. A. (2012). Kajian Awal Musim Hujan dan Awal Musim Kemarau di Indonesia. *Jurnal Meteorologi dan Geofisika*, 13(1), 1–8. <https://doi.org/10.31172/jmg.v13i1.113>

- Hasan, M. H., & Mongko, M. F. (2016). Adaptasi Dan Mitigasi Fenomena El Nino Di Provinsi Nusa Tenggara Timur. *Prosiding Seminar Nasional Geografi UMS, Upaya Pengurangan Risiko Bencana Terkait Perubahan Iklim*.
- Jannatunnisa, L., & Trismidianto. (2022). Analysis of Multi-scale Meteorological Parameter Triggering Seroja Tropical Cyclone and Its Effect on Extreme Rainfall Over Nusa Tenggara Timur. *Springer Proceedings in Physics*, 275. https://doi.org/10.1007/978-981-19-0308-3_58
- Kuswanto, H., Puspa, A. W., Ahmad, I. S., & Hibatullah, F. (2021). Drought Analysis in East Nusa Tenggara (Indonesia) Using Regional Frequency Analysis. *Scientific World Journal*, 2021. <https://doi.org/10.1155/2021/6626102>
- Mishra, A. K., & Singh, V. P. (2010). A review of drought concepts. Dalam *Journal of Hydrology* (Vol. 391, Nomor 1–2). <https://doi.org/10.1016/j.jhydrol.2010.07.012>
- Morbidelli, R. (2022). Rainfall: Modeling, Measurement and Applications. Dalam *Rainfall: Modeling, Measurement and Applications*. <https://doi.org/10.1016/B978-0-12-822544-8.00061-5>
- Nafisha, A. U., & Suwarsito. (2018). Kajian pengaruh pola curah hujan terhadap produktivitas padi di kecamatan pagerbarang kabupaten tegal. *Sainteks*, 15(1).
- Nelson, B. W., Berner, E. K., & Berner, R. A. (1987). The Global Water Cycle. *Estuaries*, 10(2). <https://doi.org/10.2307/1352184>
- NTTPROV. (2021). *Geografis Nusa Tenggara Timur*. Geografis Nusa Tenggara Timur. <https://nttprov.go.id/client/view/geografis>
- Paredes-Trejo, F. J., Barbosa, H. A., & Lakshmi Kumar, T. V. (2017). Validating CHIRPS-based satellite precipitation estimates in Northeast Brazil. *Journal of Arid Environments*, 139. <https://doi.org/10.1016/j.jaridenv.2016.12.009>
- Peterson, P., Funk, C. ~C., Husak, G. ~J., Pedreros, D. ~H., Landsfeld, M., Verdin, J. ~P., & Shukla, S. (2013). The Climate Hazards group InfraRed Precipitation (CHIRP) with Stations (CHIRPS): Development and Validation. *AGU Fall Meeting Abstracts*.
- Prakash, S., Mitra, A. K., AghaKouchak, A., & Pai, D. S. (2015). Error characterization of TRMM Multisatellite Precipitation Analysis (TMPA-3B42) products over India for different seasons. *Journal of Hydrology*, 529. <https://doi.org/10.1016/j.jhydrol.2015.08.062>
- Rahmawati, A., Theo Tomi Pamungkas, B., & Partini, D. (2021). Pemetaan Tingkatan Cuaca Ekstrem Masing-Masing Kecamatan di Kota Kupang. *geoedusains: Jurnal Pendidikan Geografi*, 2(1). <https://doi.org/10.30872/geoedusains.v2i1.450>
- Rahmawati, N., & Lubczynski, M. W. (2018). Validation of satellite daily rainfall estimates in complex terrain of Bali Island, Indonesia. *Theoretical and Applied Climatology*, 134(1–2). <https://doi.org/10.1007/s00704-017-2290-7>
- Redfern, S. K., Azzu, N., & Binamira, J. S. (2012). Rice in Southeast Asia: facing risks and vulnerabilities to respond to climate change. *Build Resilience Adapt Climate Change Agri Sector*, 23(295), 1–14.
- Serrano-Notivoli, R., Martín-Vide, J., Saz, M. A., Longares, L. A., Beguería, S., Sarricolea, P., Meseguer-Ruiz, O., & de Luis, M. (2018). Spatio-temporal variability of daily precipitation concentration in Spain based

on a high-resolution gridded data set. *International Journal of Climatology*, 38. <https://doi.org/10.1002/joc.5387>

Sipayung, S. B., Avia, L. Q., & Dasanto, B. D. (2010). Analisis pola curah hujan indonesia berbasis luaran model sirkulasi global (GCM). *Jurnal Sains Dirgantara*, 4(2).

Supari, Tangang, F., Salimun, E., Aldrian, E., Sopaheluwakan, A., & Juneng, L. (2018). ENSO modulation of seasonal rainfall and extremes in Indonesia. *Climate Dynamics*, 51(7–8). <https://doi.org/10.1007/s00382-017-4028-8>

Surmaini, E., Susanti, E., Syahputra, M. R., & Hadi, T. W. (2019). Exploring Standardized Precipitation Index for predicting drought on rice paddies in Indonesia. *IOP Conference Series: Earth and Environmental Science*, 303(1). <https://doi.org/10.1088/1755-1315/303/1/012027>

Suryanto, J., Amprin, & Anisum. (2023). VALIDASI CURAH HUJAN HARIAN CHIRPS PRECIPITATION SATELLITE PRODUCT DI PROVINSI KALIMANTAN BARAT. *Jurnal Ilmiah Rekayasa Pertanian dan Biosistem*, 11(1). <https://doi.org/10.29303/jrpb.v11i1.442>

Toté, C., Patricio, D., Boogaard, H., van der Wijngaart, R., Tarnavsky, E., & Funk, C. (2015). Evaluation of satellite rainfall estimates for drought and flood monitoring in Mozambique. *Remote Sensing*, 7(2). <https://doi.org/10.3390/rs70201758>

University of California, S. B. (2022). *CHIRPS: Rainfall Estimates from Rain Gauge and Satellite Observations*. <https://www.chc.ucsb.edu/data/chirps>.

Willmott, C. J., & Matsuura, K. (2005). Advantages of the mean absolute error (MAE) over the root mean square error (RMSE) in assessing average model performance. *Climate Research*, 30(1). <https://doi.org/10.3354/cr030079>

World Bank. (2015). World Bank Group Climate Action Plan 2021 - 2025. *The World Bank Group A to Z 2016*.

Yuniasih, B., Harahap, W. N., & Wardana, D. A. S. (2023). Anomali Iklim El Nino dan La Nina di Indonesia pada 2013-2022. *AGROISTA : Jurnal Agroteknologi*, 6(2). <https://doi.org/10.55180/agi.v6i2.332>