

DAFTAR PUSTAKA

- Adetan, O., Obiyemi, O.O., 2016, A Analysis of Raindrop Diamters for Rainfall Attenuation in Southern Africa, *International Journal of Electrical and Computer Engineering (IJECE)*, Vol. 6, Hal. 82-89.
- Asdak, C., 2023, *Hidrologi dan Pengelolaan Daerah Aliran Sungai*, UGM Press, Indonesia.
- Asferizal, F., 2022, Analisis Perbandingan Kehandalan Data Hujan GSMP, TRMM, GPM dan PERSIANN Terhadap Data Obsevasi Dalam Rentang Waktu Penelitian 2020-2021, *Journal of Infrastructure Planning and Design*, Vol. 2, Hal. 33–41.
- Battan, L.J., 1973, *Radar Observation of The Atmosphere*, The University of Chivaho Press, Amerika Serikat.
- Burgueño, A., Puigcerver, M., Vilar, E., 1988, Influence of Rain Gauge Integration Time on The Rain Rate Statistics Used in Microwave Communications, *Annals of Telecommunications*, Vol. 43, Hal. 522–527.
- Chebil, J., Rahman, T.A., 1999, Rain Rate Statistical Conversion for The Prediction of Rain Attenuation in Malaysia, *Electronics Letters*, Vol. 35, Hal. 1019–1021.
- Faisol, A., Indarto, I., Novita, E., Budiyono, B., 2020, Komparasi Antara Climate Hazards Group Infrared Precipitation with Stations (CHIRPS) dan Global Precipitation Measurement (GPM) Dalam Membangkitkan Informasi Curah Hujan Harian di Provinsi Jawa Timur, *Jurnal Teknologi Pertanian Andalas*, Vol. 24, Hal. 148–156.
- Hlaváčková-Schindler, K., Paluš, M., Vejmelka, M., Bhattacharya, J., 2007, Causality Detection Based on Information-Theoretic Approaches in Time Series Analysis, *Physics Reports*, Vol. 441, Hal. 1–46.
- Lee, J.H., Choi, Y.-S., Pack, J.K., Ha, E.H., 1994, Conversion of Rain Rate Distribution for Various Integration Time, *IEEE Transactions on Microwave Theory and Techniques*, Vol. 42, Hal. 2099–2106.
- Lillesand, T.M., Kiefer, R.W., 1979, *Remote Sensing and Image Interpretation(Book)*, The Royal Geographical Society, New York.
- Marzuki, M., Harysandi, D.K., Oktaviani, R., Meylani, L., Vonnisa, M., Harmadi, H., Hashiguchi, H., Shimomai, T., Luini, L., Nugroho, S., 2020, International Telecommunication Union-Radiocommunication Sector P. 837-6 and P. 837-7 Performance to Estimate Indonesian Rainfall, *TELKOMNIKA (Telecommunication Computing Electronics and Control)*, Vol. 18, Hal.

2292–2303.

- Nor, N.M., Lau, L.C., Lee, K.T., Mohamed, A.R., 2013, Synthesis of Activated Carbon from Lignocellulosic Biomass and Its Applications in Air Pollution Control—A Review, *Journal of Environmental Chemical Engineering*, Vol. 1, Hal. 658–666.
- Nursuhanto, E., 1999, Data Akuisisi Untuk Pengukuran Propagasi Ka-Band, *Skripsi Sarjana*, Jurusan Teknik Elektro, Institut Teknologi Sepuluh Nopember, Indonesia.
- Oguchi, T., 1983, Electromagnet Wave Propagation and Scattering in Rain and Other Hydrometeors, *Proceedings of The IEEE*, Cambridge, Amerika Serikat, Hal. 1029–1079.
- Ojo, J.S., Adenugba, A.K., Adediji, A.T., 2016, Dynamical Model for Deriving 1-min Rain Rate from Various Integration Times in A Tropical Region, *J. Telecommun. Syst. Manag*, Vol. 5, Hal. 1–5.
- Oktaviani, R., 2019, Estimation of Rainfall Rate Cumulative Distribution in Indonesia Using Global Satellite Mapping of Precipitation Data, *KnE Engineering*, Vol. 1, Hal. 259–265.
- Owolawi, P.A., 2011, Derivation of One-Minute Rain Rate from Five-Minute Equivalent for The Calculation of Rain Attenuation in South Africa, *PIERS Online*, Vol. 7, Hal. 524–535.
- Pratama, A., Agiel, H.M., Oktaviana, A.A., 2022, Evaluasi Satellite Precipitation Product (GSMP, CHIRPS, dan IMERG) di Kabupaten Lampung Selatan, *Journal of Science and Applicative Technology*, Vol. 6, Hal. 32–40.
- Segal, B., 1986, The Influence of Raingage Integration Time, on Measured Rainfall-Intensity Distribution Functions, *Journal of Atmospheric and Oceanic Technology*, Vol. 3, Hal. 662–671.
- Shrestha, S., Park, J.J., Choi, D.Y., 2016, Rain Rate Modeling of 1-min from Various Integration Times in South Korea, *SpringerPlus*, Vol. 5, Hal. 1–34, DOI: 10.1186/s40064-016-2062-3.
- Singh, M.S.J., Tanaka, K., Iida, M., 2007, Conversion of 60-, 30-, 10-, and 5-Minute Rain Rates to 1-Minute Rates in Tropical Rain Rate Measurement, *ETRI journal*, Vol. 29, Hal. 542–544.
- Sodunke, M.A., Ojo, J.S., Adedayo, K.D., De, A., 2022, Performance Evaluation of Metric Measures for Converting 30-min GPM Rain Data to 1-min for Microwave Applications in Tropical Region of Nigeria: A Multivariate Approach, *Advances in Space Research*, Vol. 69, Hal. 3117–3129, DOI: 10.1016/j.asr.2022.01.040.

Tan, J., Huffman, G.J., Bolvin, D.T., Nelkin, E.J., 2019, Diurnal Cycle of IMERG V06 Precipitation, *Geophysical Research Letters*, Vol. 46, Hal. 13584–13592.

Tan, M.L., Duan, Z., 2017, Assessment of GPM and TRMM Precipitation Products Over Singapore, *Remote Sensing*, Vol. 9, Hal. 720.

Tjasyono, B., Juaeni, I., Harijono, S.W.B., 2007, Proses Meteorologis Bencana Banjir di Indonesia, *Jurnal Meteorologi dan Geofisika*, Vol. 8, Hal. 64–78.

BMKG, 2019, Buletin Meteorologi, *Badan Meteorologi Klimatologi dan Geofisika*, https://ntt.bmkg.go.id/uploads/buletin/2019/11/buletin%20November_2019.pdf (diakses 6-Desember-2024).

NASA, 2019, The Global Precipitation Measurement Mission (GPM), *National Aeronautics and Space Administration*, <https://gpm.nasa.gov/missions/GPM> (diakses 6-Desember-2024).

