

DAFTAR PUSTAKA

- Ali, S.A., Khan, N., 2013. Evaluation of Morphometric Parameters—A Remote Sensing and GIS Based Approach. *Open Journal of Modern Hydrology* 03, 20–27. <https://doi.org/10.4236/ojmh.2013.31004>
- Brotowiryatmo, S.H., 2000. Hidrologi: Teori, Masalah dan Penyelesaian. Nafari Offset, Yogyakarta.
- Brotowiryatmo, S.H., 1985. Pengkajian Sifat Dasar Hidrograf Satuan Sungai-Sungai di Pulau Jawa untuk Perkiraan Banjir. Gadjah Mada University.
- Chattamvelli, R., Shanmugam, R., 2023. Measures of Spread. hlm. 63–90. https://doi.org/10.1007/978-3-031-32330-0_3
- Chavan, S.R., Srinivas, V.V., 2015. Effect of DEM source on equivalent Horton–Strahler ratio based GIUH for catchments in two Indian river basins. *J Hydrol (Amst)* 528, 463–489. <https://doi.org/10.1016/j.jhydrol.2015.06.049>
- Chorley, R., 1995. Horton, R.E. 1945: Erosional development of streams and their drainage basins: hydrophysical approach to quantitative morphology. *Bulletin of the Geological Society of America* 56, 2 75-3 70. *Progress in Physical Geography: Earth and Environment* 19, 533–554. <https://doi.org/10.1177/030913339501900406>
- D. N. Moriasi, J. G. Arnold, M. W. Van Liew, R. L. Bingner, R. D. Harmel, T. L. Veith, 2007. Model Evaluation Guidelines for Systematic Quantification of Accuracy in Watershed Simulations. *Trans ASABE* 50, 885–900. <https://doi.org/10.13031/2013.23153>
- Del Rio, A.A., Ramirez, A.I., Sanchez, M.A., 2020. The Role of Topography on the Shape of Unit Hydrographs in Small and Medium Sized Watersheds through a Physical Model. *Water (Basel)* 12, 2270. <https://doi.org/10.3390/w12082270>
- Dooge, J., 1973. LINEAR THEORY OF HYDROLOGIC SYSTEM. the Superintendent of Documents, U.S, Washington, D.C.
- Follosco Jr., A., Luyun Jr., R., Lampayan, R., Gonzales, J., 2023. Development of Synthetic Unit Hydrographs Using Spatial Proximity Regionalization for the Makiling Forest Reserve, Philippines. *Journal of Environmental Science and Management* 1–13. https://doi.org/10.47125/jesam/2023_sp1/01
- Gandhi, A.K., Mishra, V., Vashistha, B., Rastogi, M., Vashistha, R., 2023. Distribution, dalam: *Translational Radiation Oncology*. Elsevier, hlm. 131–133. <https://doi.org/10.1016/B978-0-323-88423-5.00052-2>

- Goldstein, L., 2006. Basic Hydrologic Science Course Runoff Processes. The COMET® Program.
- Gottschalk, L., Weingartner, R., 1998. Distribution of peak flow derived from a distribution of rainfall volume and runoff coefficient, and a unit hydrograph. *J Hydrol (Amst)* 208, 148–162. [https://doi.org/10.1016/S0022-1694\(98\)00152-8](https://doi.org/10.1016/S0022-1694(98)00152-8)
- Guo, M., 2014. Effective Watershed Management: Planning, Implementation, and Evaluation. *Journal of Waste Water Treatment & Analysis* 05. <https://doi.org/10.4172/2157-7587.1000e119>
- Holtan, H.N., 1945. Time-condensation in hydrograph-analysis. *Eos, Transactions American Geophysical Union* 26, 407–413. <https://doi.org/10.1029/TR026i003p00407>
- Indarto, 2012. *Hidrologi : Dasar Teori dan Aplikasi Model Hidrologi*, Bumi Aksara, 1 ed. Bumi Aksara, Jakarta.
- Jain, S.K., Sudheer, K.P., 2008. Fitting of Hydrologic Models: A Close Look at the Nash–Sutcliffe Index. *J Hydrol Eng* 13, 981–986. [https://doi.org/10.1061/\(ASCE\)1084-0699\(2008\)13:10\(981\)](https://doi.org/10.1061/(ASCE)1084-0699(2008)13:10(981))
- Kamila, D., Limantara, M., Bisri, M., Soetopo, W., 2019. Alpha Modeling of Nakayasu Synthetic Unit Hydrograph for Part of Watersheds in Indonesia. *International Journal of Recent Technology and Engineering (IJRTE)* 8, 5509–5514. <https://doi.org/10.35940/ijrte.D8972.118419>
- Kementrian Kehutanan, 2013. Peraturan Direktur Jenderal Bina Pengelolaan Daerah Aliran Sungai dan Perhutanan Sosial Nomor P. 3/V-SET/2013 tentang Pedoman Identifikasi Karakteristik Daerah Aliran Sungai, Kementrian Kehutanan.
- Majdi, A.G., Suhardjono, Limantara, M., Andawayanti, U., 2024. Development of Watershed Characteristics-Based Synthetic Unit Hydrograph. *Journal of Hunan University Natural Sciences* 51. <https://doi.org/10.55463/issn.1674-2974.51.12.6>
- Montarcih, L., 2009. The Limiting Physical Parameters of Synthetic Unit Hydrograph. *World Applies Science Journal* 7.
- Montarcih L., L., 2009. HIDROGRAF SATUAN SINTETIK LIMANTARA (Studi kasus di sebagian DAS Di Indonesia). *JURNAL REKAYASA SIPIL* 3.
- Natakusumah, D.K., Hatmoko, W., Harlan, D., 2011. Prosedur Umum Perhitungan Hidrograf Satuan Sintetis dengan Cara ITB dan Beberapa Contoh Penerapannya. *Jurnal Teknik Sipil* 18, 251. <https://doi.org/10.5614/jts.2011.18.3.6>

- Parchami, N., Mostafazadeh, R., Ouri, A.E., Imani, R., 2024. Spatio-temporal analysis of river flow master recession curve characteristics over Ardabil province rivers. *Physics and Chemistry of the Earth, Parts A/B/C* 134, 103586. <https://doi.org/10.1016/j.pce.2024.103586>
- Qiu, H., Zhang, X., Yang, A., Wickland, K.P., Stets, E.G., Chen, M., 2023. Watershed carbon yield derived from gauge observations and river network connectivity in the United States. *Sci Data* 10, 278. <https://doi.org/10.1038/s41597-023-02162-7>
- Ratnayake, U., 2004. Watershed Characteristic. CE205–Engineering Hydrology Lecture Online.
- Rigon, R., Bancheri, M., Formetta, G., de Lavenne, A., 2016. The geomorphological unit hydrograph from a historical-critical perspective. *Earth Surf Process Landf* 41, 27–37. <https://doi.org/10.1002/esp.3855>
- Singh, P.K., Mishra, S.K., Jain, M.K., 2014. A review of the synthetic unit hydrograph: from the empirical UH to advanced geomorphological methods. *Hydrological Sciences Journal* 59, 239–261. <https://doi.org/10.1080/02626667.2013.870664>
- Singh, S.K., 2000. Transmuting Synthetic Unit Hydrographs into Gamma Distribution. *J Hydrol Eng* 5, 380–385. [https://doi.org/10.1061/\(ASCE\)1084-0699\(2000\)5:4\(380\)](https://doi.org/10.1061/(ASCE)1084-0699(2000)5:4(380))
- Singh, V.P., 2004. Unit Hydrograph Theory, dalam: *Water Encyclopedia*. Wiley, hlm. 355–360. <https://doi.org/10.1002/047147844X.me412>
- Singh, V.P., Cui, H., Byrd, A., 2015. Sediment Graphs Based on Entropy Theory. *J Hydrol Eng* 20. [https://doi.org/10.1061/\(ASCE\)HE.1943-5584.0001068](https://doi.org/10.1061/(ASCE)HE.1943-5584.0001068)
- Triatmodjo, B., 2008. *Hidrologi Terapan*. Beta Offset, Yogyakarta.
- Tunas, I.G., 2017. Pengembangan Model Hidrograf Satuan Sintetik Berdasarkan Karakteristik Fraktal Daerah Aliran Sungai Pengembangan Model Hidrograf Satuan Sintetik. INSTITUT TEKNOLOGI SEPULUH NOPEMBER INSTITUT TEKNOLOGI SEPULUH NOPEMBER INSTITUT TEKNOLOGI SEPULUH NOPEMBER, Surabaya.
- Vijay, J., Sinha, R., 2003. Derivation of Unit Hydrograph from GIUH: Analysis for a Himalayan River. *Water Resources Management* 17.
- Wilkerson, Jared.L., 2009. REGIONAL REGRESSION EQUATIONS TO ESTIMATE SYNTHETIC UNIT HYDROGRAPH PARAMETERS FOR INDIANA. Purdue University, West Lafayette, Indiana.
- Wuensch, K.L., 2005. Skewness, dalam: *Encyclopedia of Statistics in Behavioral Science*. Wiley. <https://doi.org/10.1002/0470013192.bsa627>

- Xu, C., Fu, H., Yang, J., Gao, C., 2022. Land-Use and Land Cover Is Driving Factor of Runoff Yield: Evidence from A Remote Sensing-Based Runoff Generation Simulation. *Water (Basel)* 14, 2854. <https://doi.org/10.3390/w14182854>
- Ye, C., Liu, X., Wang, X., 2015. Effects of roughness elements distribution on overland flow resistance. *J Mt Sci* 12, 1145–1156. <https://doi.org/10.1007/s11629-014-3391-8>
- Zhang, D., 2017. A Coefficient of Determination for Generalized Linear Models. *Am Stat* 71, 310–316. <https://doi.org/10.1080/00031305.2016.1256839>
- Zhang, L., Guilbert, E., 2016. Evaluation of River Network Generalization Methods for Preserving the Drainage Pattern. *ISPRS Int J Geoinf* 5, 230. <https://doi.org/10.3390/ijgi5120230>