

## DAFTAR PUSTAKA

- Abhigail, S. H. (2022). *Pemodelan Banjir Akibat Perubahan Tataguna Lahan Di Daerah Aliran Sungai Coliwung*. 29(1). <https://doi.org/10.5614/jts.2022.29.1.6>
- Arifin, D. (2020). Doni Monardo Ungkap Tiga Faktor Penyebab Banjir Bandang Luwu Utara. *Bnpb*. Diakses pada tanggal 20 Januari 2020 dari [https://bnpb.go.id/berita/Doni Monardo Ungkap Tiga Faktor Penyebab Banjir Bandang Luwu Utara](https://bnpb.go.id/berita/Doni_Monardo_Ungkap_Tiga_Faktor_Penyebab_Banjir_Bandang_Luwu_Utara)
- Castro, C. V., & Maidment, D. R. (2020). GIS preprocessing for rapid initialization of HEC-HMS hydrological basin models using web-based data services. *Environmental Modelling and Software*, 130, 104732. <https://doi.org/10.1016/j.envsoft.2020.104732>
- Chow, V. Te, Maidment, D. R., Mays, L. W., & Ven Te Chow, David R. Maidment, L. W. M. (1998). *Applied Hydrology* (pp. 1–294). pp. 1–294.
- El Alfy, M. (2016). Assessing the impact of arid area urbanization on flash floods using GIS, remote sensing, and HEC-HMS rainfall-runoff modeling. *Hydrology Research*, 47(6), 1142–1160. <https://doi.org/10.2166/nh.2016.133>
- Farizal, A. (2020). *Pengaruh Perubahan Penggunaan Lahan Terhadap Debit Banjir di DAS Serang Kabupaten Kulonprogo*. Diakses pada tanggal 12 April 2022 dari <http://etd.repository.ugm.ac.id/penelitian/detail/190080>
- Grimaldi, S., Petroselli, A., Tauro, F., & Porfiri, M. (2012). Time of concentration: A paradox in modern hydrology. *Hydrological Sciences Journal*, 57(2), 217–228. <https://doi.org/10.1080/02626667.2011.644244>
- Halwatura, D., & Najim, M. M. M. (2013). Application of the HEC-HMS model for runoff simulation in a tropical catchment. *Environmental Modelling and Software*, 46, 155–162. <https://doi.org/10.1016/j.envsoft.2013.03.006>
- Harto, S. (1993). *Analisis Hidrologi*. PT. Gramedia Pustaka Utama.
- Huffman, G., Bolvin, D., Braithwaite, D., Hsu, K., Joyce, R., Kidd, C., ... Xie, P. (2020). NASA GPM Integrated Multi-satellite Retrievals for GPM (IMERG) Algorithm Theoretical Basis Document (ATBD) Version 06. *Nasa/Gsfc*, (January), 29. Diakses pada tanggal 7 Juni 2022 dari [https://pmm.nasa.gov/sites/default/files/imce/times\\_allsat.jpg%0Ahttps://pmm.nasa.gov/sites/default/files/document\\_files/IMERG\\_ATBD\\_V06.pdf](https://pmm.nasa.gov/sites/default/files/imce/times_allsat.jpg%0Ahttps://pmm.nasa.gov/sites/default/files/document_files/IMERG_ATBD_V06.pdf)
- Indriastuti, D. (2015). *Analisa Limpasan Akibat Perubahan Tata Guna Lahan pada DAS Ciliwung Hulu*. 355476. Diakses pada tanggal 8 Juni 2022 dari <http://etd.repository.ugm.ac.id/penelitian/detail/81104>
- Ismoyojati, G. (2018). *Studi Pengaruh Perubahan Penggunaan Lahan Terhadap Karakteristik Banjir Kota Bima*.
- Jalal, S. J., Musa, T. A., Ameen, T. H., Din, A. H. M., Aris, W. A. W., & Ebrahim, J. M. (2020). Optimizing the Global Digital Elevation Models (GDEMs) and accuracy of derived DEMs from GPS points for Iraq's mountainous areas. *Geodesy and Geodynamics*, 11(5), 338–349. <https://doi.org/10.1016/j.geog.2020.06.004>

- Juma, B., Olang, L. O., Hassan, M. A., Mulligan, J., & Shiundu, P. M. (2022). Simulation of flood peak discharges and volumes for flood risk management in the ungauged urban informal settlement of Kibera, Kenya. *Physics and Chemistry of the Earth*, 128(September), 103236. <https://doi.org/10.1016/j.pce.2022.103236>
- Kartikawati, T. D., Andawayanti, U., & Limantara, L. M. (2016). ( Runoff Curve Number ) Terhadap Debit Limpasan Pada. *Jurnal Teknik Pengairan, Volume 7*.
- KOZLOWSKI, T. T. (1984). Extent, Causes, and Impacts of Flooding. In *Flooding and Plant Growth*. <https://doi.org/10.1016/b978-0-12-424120-6.50006-7>
- Luknanto, D. (2012). *Anfrek I.a*. Diakses pada tanggal 6 Februari 2022 dari <https://luk.staff.ugm.ac.id/gapai/sw/anafrek/index.html>
- Natakusumah, D. K., Harlan, D., & Hatmoko, W. (2013). A new synthetic unit hydrograph computation method based on the mass conservation principle. *WIT Transactions on Ecology and the Environment*, 172, 27–38. <https://doi.org/10.2495/RBM130031>
- Natakusumah, Dantje K., Hatmoko, W., & Harlan, D. (2011). Prosedur Umum Perhitungan Hidrograf Satuan Sintetis dengan Cara ITB dan Beberapa Contoh Penerapannya. *Jurnal Teknik Sipil*, 18(3), 251. <https://doi.org/10.5614/jts.2011.18.3.6>
- Nie, W., Yuan, Y., Kepner, W., Nash, M. S., Jackson, M., & Erickson, C. (2011). Assessing impacts of Landuse and Landcover changes on hydrology for the upper San Pedro watershed. *Journal of Hydrology*, 407(1–4), 105–114. <https://doi.org/10.1016/j.jhydrol.2011.07.012>
- Organization, W. M. (1994). *Guide to Hydrological Practice: WMO-No. 168*.
- Pahleviannur, M. R. (2019). Pemanfaatan Informasi Geospasial Melalui Interpretasi Citra Digital Penginderaan Jauh untuk Monitoring Perubahan Penggunaan Lahan. *JPIG (Jurnal Pendidikan Dan Ilmu Geografi)*, 4(2), 18–26. <https://doi.org/10.21067/jpig.v4i2.3267>
- Pratiwi, D. W., Sujono, J., & Rahardjo, A. P. (2017). Evaluasi Data Hujan Satelit Untuk Prediksi Data Hujan Pengamatan Menggunakan Cross Correlation. *Seminar Nasional Sains Dan Teknologi*, (November), 1–2.
- Say, V. (2021). Flash Flood Characteristics of Ciberang River, Its Impact and Mitigation. *IOP Conference Series: Earth and Environmental Science*, 930(1). <https://doi.org/10.1088/1755-1315/930/1/012085>
- Soemarto, C. D. (1987). *Hidrologi teknik*. Surabaya: Usaha Nasional.
- Sosrodarsono, Suyono and Takeda, K. (1973). *Hidrologi Untuk Pengairan*.
- Suardana, I. W. (2004). *DI SUNGAI BADUNG KABUPATEN BADUNG*.
- Suherman, H., & Firmansyah, A. (2017). Analisis Pengaruh Perubahan Tata Guna Lahan Terhadap Debit Banjir di Wilayah Hilir Aliran Kali Angke. *Jurnal Konstruksia*, 8(2), 79–95.
- Suroso. (2005). *TERHADAP DEBIT ALIRAN PADA DAERAH ALIRAN SUNGAI GARANG Tesis*.

- Tapiador, F. J., Turk, F. J., Petersen, W., Hou, A. Y., García-Ortega, E., Machado, L. A. T., de Castro, M. (2012). Global precipitation measurement: Methods, datasets and applications. *Atmospheric Research*, 104–105, 70–97. <https://doi.org/10.1016/j.atmosres.2011.10.021>
- Thé, J. L., Thé, C. L., & Johnson, M. A. (2016). *User Guide Wind and Rain Rose Plots for Meteorological Data WRPLOT View TM*. Retrieved from [www.webLakes.com](http://www.webLakes.com)
- Triatmodjo, B. (2010). Hidrologi Terapan. *Beta Offset*, 358.
- USACE. (2013). *HEC-GeoHMS Geospatial Hydrologic Modeling Extension User 's Manual*.
- Vernimmen, R. R. E., Hooijer, A., Mamenun, Aldrian, E., & Van Dijk, A. I. J. M. (2012). Evaluation and bias correction of satellite rainfall data for drought monitoring in Indonesia. *Hydrology and Earth System Sciences*, 16(1), 133–146. <https://doi.org/10.5194/hess-16-133-2012>
- Vijay P. Singh D.Sc., D. Eng. (Hon.), Ph.D. (Hon.), D. Sc. (Hon.), P.E., P.H., Hon. D. WRE, Academician (GFA), P. D. (2017). *Handbook of Applied Hydrology, Second Edition* (2nd editio). Diakses pada tanggal 17 Juni 2022 dari <https://www.accessengineeringlibrary.com/content/book/9780071835091>
- Wilson, E. M. (1983). *Engineering hydrology. Third Edn*.
- Zhai, X., Zhang, Y., Zhang, Y., Guo, L., & Liu, R. (2020). Simulating flash flood hydrographs and behavior metrics across China: Implications for flash flood management. *Science of the Total Environment*, (xxxx), 142977. <https://doi.org/10.1016/j.scitotenv.2020.142977>
- Zhang, Y., Xia, J., Yu, J., Randall, M., Zhang, Y., Zhao, T., Shao, Q. (2018). Simulation and assessment of urbanization impacts on runoff metrics: insights from landuse changes. *Journal of Hydrology*, 560, 247–258. <https://doi.org/10.1016/j.jhydrol.2018.03.031>