

DAFTAR PUSTAKA

- Dughairi, A. Bin, 2023. Runoff Hydrographs Using Snyder and SCS Synthetic Unit Hydrograph Methods: a Case Study of Ungauged Watersheds of Imam Turki Bin Abdullah Royal Nature Reserve (Itba) - Saudi Arabia. *Big Data In Water Resources Engineering (BDWRE)*, 4 (1), 22–31.
- Azizi, S., Ilderomi, A.R., dan Noori, H., 2021. Investigating the effects of land use change on flood hydrograph using HEC-HMS hydrologic model (case study: Ekbatan Dam). *Natural Hazards*, 109 (1), 145–160.
- Balai Teknik Bendungan, 2022. *Modul 1 Analisis Curah Hujan: Bimbingan Teknis Analisis Debit Banjir Desain dengan Menggunakan Data Hujan Satelit*.
- Budi, T.S., Hendri, An., dan Fauzi, M., 2017. 204996-Kesesuaian-Model-Hidrograf-Satuan-Sintet, 4 (2), 1–13.
- Caletka, M., Michalková, M.Š., Karásek, P., dan Fučík, P., 2020. Improvement of SCS-CN initial abstraction coefficient in the Czech Republic: A study of five catchments. *Water (Switzerland)*, 12 (7), 1–28.
- Cheah, R., Billa, L., Chan, A., Teo, F.Y., Pradhan, B., dan Alamri, A.M., 2019. Geospatial Modelling of Watershed Peak Flood. *Water*, 1–12.
- Chow, V. Te, Maidement, D.R., dan Mays, L.W., 1988. *Applied Hydrology*. McGraw-Hill, Inc.
- Chow, V. Te, Maidment, D.R., dan Mays, L.W., 1988. *Applied Hydrology*. McGraw-Hill, Inc.
- Datta, S., Karmakar, S., Mezbahuddin, S., Hossain, M.M., Chaudhary, B.S., Hoque, M.E., Al Mamun, M.M.A., dan Baul, T.K., 2022. The limits of watershed delineation: implications of different DEMs, DEM resolutions, and area threshold values. *Hydrology Research*, 53 (8), 1047–1062.
- Reddy, D.K. B., Jyothirmayee, S., Niranjan Reddy, B.L., Murali, D., Sree Mouna, T., Priyanka, D., dan Venkata Sai Reddy, V., 2024. Analysis of Morphometric Characteristics of Watershed's by using DEM and QGIS. *Journal of Physics: Conference Series*, 2779 (1).
- Eckhardt, K., 2008. A comparison of baseflow indices, which were calculated with seven different baseflow separation methods. *Journal of Hydrology*, 352 (1–2), 168–173.
- El-Bagoury, H. dan Gad, A., 2024. Integrated Hydrological Modeling for Watershed Analysis, Flood Prediction, and Mitigation Using Meteorological and Morphometric Data, SCS-CN, HEC-HMS/RAS, and QGIS. *Water (Switzerland)*, 16 (2).
- Fanta, S.S. dan Tadesse, S.T., 2022. Application of HEC-HMS for runoff simulation of Gojeb Watershed, Southwest Ethiopia. *Modeling Earth Systems and Environment*, 8 (4), 4687–4705.
- Feldman, A.D., 2000. Hydrologic Modeling System Technical Reference Manual. *Hydrologic Modeling System HEC-HMS Technical Reference Manual*, (March), 148.
- Hadi, A.M., Mohammed, A.K., Jumaah, H.J., Ameen, M.H., Kalantar, B., Rizeei, H.M., dan Al-Sharify, Z.T.A., 2022. Gis-based rainfall analysis using remotely sensed data in Kirkuk province, Iraq. *Tikrit Journal of Engineering Sciences*, 29 (4), 48–55.
- Handayani, Y.L., Hendri, A., dan Aditya, A., 2016. Analisa Hujan Rancangan Partial Series Dengan Berbagai Panjang Data Dan Kala Ulang Hujan. *Jurnal Teknik Sipil*, 12 (3), 221–

- Harsoyo, B., 2010. Review Modeling Hidrologi Das Di Indonesia. *Jurnal Sains & Teknologi Modifikasi Cuaca*, 11 (1), 41.
- Harto, S., 1993. *Analisis Hidrologi*. Gramedia Pustaka Utama.
- Irawan, 2024. Sungai Musi Meluap, 900 Rumah Warga di Keramasan Palembang Terendam Banjir.
- Irawan, P. dan Setiawan, J., 2025. Forecasting the long-term impacts of land use and cover changes on runoff coefficient and flood hydrograph: a case study of the Upper Citanduy Basin, Indonesia. *Journal of Degraded and Mining Lands Management*, 12 (3), 7417–7429.
- Istiarto, 2024. Aprob [online]. Available from: <https://istiarto.staff.ugm.ac.id/index.php/aprob/>.
- Jaafar, H.H., Ahmad, F.A., dan El Beyrouthy, N., 2019. GCN250, new global gridded curve numbers for hydrologic modeling and design. *Scientific Data*, 6 (1), 1–9.
- Kabiri, R., Chan, A., dan Bai, R., 2013. Comparison of SCS and Green-Ampt Methods in Surface Runoff-Flooding Simulation for Klang Watershed in Malaysia. *Open Journal of Modern Hydrology*, 03 (03), 102–114.
- Kolaković, S., Mandić, V., Stojković, M., Jeftenić, G., Stipić, D., dan Kolaković, S., 2023. Estimation of Large River Design Floods Using the Peaks-Over-Threshold (POT) Method. *Sustainability (Switzerland)*, 15 (6).
- Legates, D.R. dan McCabe, G.J., 1999. Evaluating the use of “goodness-of-fit” measures in hydrologic and hydroclimatic model validation. *Water Resources Research*, 35 (1), 233–241.
- Limantara, L.M., 2018. *Rekayasa Hidrologi*. Andi Offset.
- Lin, Q., Lin, B., Zhang, D., dan Wu, J., 2022. Web-based prototype system for flood simulation and forecasting based on the HEC-HMS model. *Environmental Modelling and Software*, 158 (October), 105541.
- Mawardi, I., 2010. Kerusakan daerah aliran sungai dan penurunan daya dukung sumberdaya air di pulau jawa serta upaya penanganannya. *Jurnal Hidrosfir Indonesia*, 5 (2), 1–11.
- Merten, J., Stiegler, C., Hennings, N., Purnama, E.S., Röhl, A., Agusta, H., Dippold, M.A., Fehrmann, L., Gunawan, D., Hölscher, D., Knohl, A., Kückes, J., Otten, F., Zemp, D.C., dan Faust, H., 2020. Flooding and land use change in Jambi Province, Sumatra: Integrating local knowledge and scientific inquiry. *Ecology and Society*, 25 (3), 1–29.
- Miralti, A., Saggaff, A., dan Sarino, 2020. The effects of the watershed characteristics on ogan river flood discharge. *International Journal of Scientific and Technology Research*, 9 (2), 4164–4167.
- Miranda, J., Soeryamassoeka, S., dan Gunarto, D., 2023. Analysis of Flood Hydrograph in the Landak Sub Watershed. *Jurnal Teknik Sipil*, 23 (3), 406.
- Moriasi, D.N., Arnold, J.G., Van Liew, M.W., Bingner, R., Harmel, R.D., dan Veith, T.L., 2007. Conduction between left superior pulmonary vein and left atria and atria fibrillation under cervical vagal trunk stimulation. *American Society of Agricultural and Biological Engineers*, 39 (3), 227–234.
- Muhadi, M., Limantara, L., dan Prayogo, T., 2022. Analysis of Flood Peak Discharge Based on

Watershed Shape Factors. *Civil and Environmental Science*, 005 (01), 008–016.

- Nasjono, J.K., Amin, D., Khaerudin, D.N., dan Krisnayanti, D., 2023. The impact of watershed characteristics on flood behaviour in the Noelmina River region The impact of watershed characteristics on flood behaviour in the Noelmina River region.
- Ramadan, N.A. A., Nurmayadi, D., Sadili, A., Rizaldy Solihin, R., dan Sumardi, Z., 2020. Studi Penentuan Nilai Curve Number DAS Pataruman berdasarkan Satuan Peta Tanah Indonesia. *Media Komunikasi Teknik Sipil*, 26 (2), 258–266.
- Nurdianyoto, I., Suhartanto, E., dan Yuliani, E., 2019. Analisa Hujan Debit Banjir menggunakan Model HEC HMS SUB DAS SADAR. *Jurnal Poros Teknik*.
- Nurhayati, D.E. dan Teguh, N.A., 2023. Jurnal Aplikasi Teknik Sipil Analisis Pengaruh Pembagian Daerah Aliran Sungai Dalam Analisis Debit Banjir Rencana (Studi Kasus DAS Menengan Kabupaten Tuban). *Jurnal Aplikasi Teknik Sipil*, 21 (2), 185–190.
- Okukab, 2018. Sejumlah Desa Mulai Terendam Banjir Akibat meluapnya sungai ogan.
- Pawar, U., Try, S., Muttill, N., Rathnayake, U., dan Suppawimut, W., 2023. Frequency and trend analyses of annual peak discharges in the Lower Mekong Basin. *Heliyon*, 9 (9), e19690.
- Pratiwi, U.H., Ibrahim, E., dan Saleh, E., 2021. Land Use-Land Cover Changed Analysis in Ogan Watershed, South Sumatra During 2014-2019 Period. *Indonesian Journal of Environmental Management and Sustainability*, 5 (2).
- Purbiyanti, E., Sjarkowi, F., Adriani, D., Antoni, M., Alamsyah, I., Yulius, Yudhistira, N., dan Utami, G., 2021. Water-system changes in swampy rice agro-ecosystems area and their economic impacts on farmers in South Sumatra, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 800 (1).
- Ribeiro, A.S., Almeida, M.C., Cox, M.G., Sousa, J.A., Martins, L., Loureiro, D., Brito, R., Silva, M., dan Soares, A.C., 2021. Role of measurement uncertainty in the comparison of average areal rainfall methods. *Metrologia*, 58 (4).
- Ridwan, W.M., Sapitang, M., Aziz, A., Kushiar, K.F., Ahmed, A.N., dan El-Shafie, A., 2021. Rainfall forecasting model using machine learning methods: Case study Terengganu, Malaysia. *Ain Shams Engineering Journal*, 12 (2), 1651–1663.
- RMOL, 2023. Kota Baturaja Dikepung Banjir, Puluhan Rumah Warga Terendam.
- Roodaki, S. dan Azizian, A., 2020. Uncertainty Analysis Due to the Application of Different Infiltration Methods on the Performance of HEC-HMS Model Using GLUE Algorithm. *Iran-Water Resources Research*, 16 (2), 50–66.
- Ross, C.W., Prihodko, L., Anchang, J.Y., Kumar, S.S., Ji, W., dan Hanan, N.P., 2020. Global Hydrologic Soil Groups (HYSOGs250m) for Curve Number-Based Runoff Modeling [online].
- Sahdar, I., Rohmat, D., dan Pranoto, W.A., 2023. Analysis of Peak Flood Discharge in Small-Scale River Flow Area. *IJEED (International Journal of Entrepreneurship and Business Development)*, 6 (2), 244–253.
- Sahu, M.K., Shwetha, H.R., dan Dwarakish, G.S., 2023. State-of-the-art hydrological models and application of the HEC-HMS model: a review. *Modeling Earth Systems and Environment*, 9 (3), 3029–3051.
- Sajikumar, N. dan Remya, R.S., 2015. Impact of land cover and land use change on runoff

- characteristics. *Journal of Environmental Management*, 161, 460–468.
- Sarminingsih, A., Rezagama, A., dan Ridwan, 2019. Simulation of rainfall-runoff process using HEC-HMS model for Garang Watershed, Semarang, Indonesia. *Journal of Physics: Conference Series*, 1217 (1).
- Satheeshkumar, S., Venkateswaran, S., dan Kannan, R., 2017. Rainfall–runoff estimation using SCS–CN and GIS approach in the Pappiredipatti watershed of the Vaniyar sub basin, South India. *Modeling Earth Systems and Environment*, 3 (1), 1–8.
- Singh, O., Sharma, J., Kumar, M., Pandwar, S., dan Kumar, D., 2025. Estimation of peak discharge and flood frequency in the Yamuna River Basin, India. *Journal of Earth System Science*, 134 (1).
- SNI 2415:2016, n.d. PT 91-01 Bahan Konstruksi Bangunan & Rekayasa Sipil.
- SNI 7645:2010, 2010. SNI 7645:2010 tentang Klasifikasi Penutup Lahan. *Sni 7645:2010*.
- Sujono, J., 2023. *Hidrologi Terapan*. Gadjah Mada University Press.
- Sumselprov, 2024. Elen Setiadi Hadiri Apel dan Simulasi Banjir, Upaya Minimalkan Dampak Bencana Alam.
- Suripin, 2004. *Sistem Drainase Perkotaan yang Berkelanjutan*. Andi Offset.
- Triatmodjo, B., 2008. *Hidrologi Terapan*. Beta Offset.
- Trinugroho, M.W., 2018. Evaluasi Pengaruh Jumlah dan Posisi Stasiun Curah Hujan pada Simulasi Aliran Limpasan Di Sungai Ping, Thailand. *Jurnal Sumber Daya Air*, 14 (1), 31–46.
- Vafakhah, M., Fakher Nikche, A., dan Sadeghi, S.H., 2018. Comparative effectiveness of different infiltration models in estimation of watershed flood hydrograph. *Paddy and Water Environment*, 16 (3), 411–424.
- Yuwono, B.D., Abidin, H.Z., Poerbandono, Andreas, H., Pratama, A.S.P., dan Gradiyanto, F., 2024. *Mapping of flood hazard induced by land subsidence in Semarang City, Indonesia, using hydraulic and spatial models*. Natural Hazards. Springer Netherlands.
- Zema, D.A., Labate, A., Martino, D., dan Zimbone, S.M., 2017. Comparing Different Infiltration Methods of the HEC-HMS Model: The Case Study of the Mésima Torrent (Southern Italy). *Land Degradation and Development*, 28 (1), 294–308.