

DAFTAR PUSTAKA

- Acuña-Alonso, C., Álvarez, X., Bezak, N., & Zupanc, V. (2024). Modelling the impact land use change on flood risk: Umia (Spain) and Voglajna (Slovenia) case studies. *Ecological Engineering*, 200(May 2023). <https://doi.org/10.1016/j.ecoleng.2024.107185>
- Alhakim, E. E. (2020). Perbandingan Hidrograf Satuan Sub-DAS Cisadane untuk Analisis Banjir Tapak RDNK Serpong. *Jurnal Pengembangan Energi Nuklir*, 21(2), 97. <https://doi.org/10.17146/jpen.2019.21.2.5671>
- Alwie, rahayu deny danar dan alvi furwanti, Prasetyo, A. B., Andespa, R., Lhokseumawe, P. N., & Pengantar, K. (2020). Tugas Akhir Tugas Akhir. *Jurnal Ekonomi Volume 18, Nomor 1 Maret 201*, 2(1), 41–49.
- Asdak, C. (2023). *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. UGM Press.
- Asdak, C. (2024). *Hidrologi dan Pengelolaan Daerah Aliran Sungai* (Edisi Revi). UGM Press.
- Azizi, S., Ilderomi, A. R., & 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. <https://doi.org/10.1007/s11069-021-04830-6>
- Bai, Y., Sun, S., Xu, Y., Zhao, Y., Pan, Y., Xiao, Y., & Li, R. (2025). Exploring the dynamic impact of future land use changes on urban flood disasters: A case study in Zhengzhou City, China. *Geography and Sustainability*, 6(4), 100287. <https://doi.org/10.1016/j.geosus.2025.100287>
- Basthoni, M. K. R. (2020). Analisis Perubahan Tata Guna Lahan Terhadap Debit Banjir Sub-Sub DAS Keyang-Slahung-Tempuran (KST). *Teras Jurnal : Jurnal Teknik Sipil*, 10(2), 189–202. <https://doi.org/10.29103/tj.v10i2.309>
- Ben Khélifa, W., & Mosbahi, M. (2022). Modeling of rainfall-runoff process using HEC-HMS model for an urban ungauged watershed in Tunisia. *Modeling Earth Systems and Environment*, 8(2), 1749–1758. <https://doi.org/10.1007/s40808-021-01177-6>
- Bendungan, B. T. (2022). *Balai Teknik Bendungan*.
- Bouramdane, A. A. (2025). Optimal strategies to combat land degradation amid climate change: Aligned with UNCCD and Kunming-Montreal commitments. *Land Use Policy*, 157(May), 107625. <https://doi.org/10.1016/j.landusepol.2025.107625>
- Budianto, M. B., Hartana, H., & Ihtiar, R. A. (2024). Pengaruh Perubahan Tata Guna Lahan terhadap Debit Banjir DAS Padolo. *Dinamika Teknik Sipil: Majalah Ilmiah Teknik Sipil*, 17, 78–87. <https://doi.org/10.23917/dts.v17i2.7290>
- Burrough, P. A., & McDonnell, R. A. (1998). *Principles of Geographical Information Systems*. Oxford University Press.
- Chow, V. Te, Maidment, D. R., & Mays, L. W. (1988). *Applied Hydrology*. McGraw-Hill.
- Divin, J., & Mikita, T. (2016). Effects of land use changes on the runoff in the landscape based on hydrological simulation in HEC-HMS and HEC-RAS using different elevation data. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 64(3), 759–768. <https://doi.org/10.11118/actaun201664030759>
- Esri. (2020). *Introduction to image and raster data*. ArcGIS Pro Documentation
- Feldman, A. D. (2000). *Hydrologic Modeling System HEC-HMS Technical Reference Manual*.
- Fleming, M. J., & Doan, J. H. (2009). *HEC-GeoHMS Geospatial Hydrologic Modeling*

Extension User's Manual.

- Gao, Y., Chen, J., Luo, H., & Wang, H. (2020). Prediction of hydrological responses to land use change. *Science of the Total Environment*, 708(1), 134998.
<https://doi.org/10.1016/j.scitotenv.2019.134998>
- Gesch, D., Evans, G., Mauck, J., Hutchinson, J., & Carswell Jr, W. J. (2009). *The National Map – Elevation*. <https://doi.org/10.3133/fs20093053>
- H.Y, A. G., & Widiyanto. (2016). *KAJIAN KERAWANAN LONGSOR TEBING SUNGAI CODE DAERAH ISTIMEWA YOGYAKARTA*. 2, 306–312.
- Handyastono, B., Alghoul, M. A., Rizki, A., Djambek, N. P., Kusuma, M. S. B., Kuntoro, A. A., Harlan, D., Nugroho, E. O., Munthe, H. M., Hazmi, M., Wisanggeni, D. H., & Rizqy, M. A. (2025). Flood hazard assessment in Pemaluan Village due to land use change in IKN (Ibu Kota Nusantara) as the New Capital City of Indonesia. *Case Studies in Chemical and Environmental Engineering*, 11(March), 101211.
<https://doi.org/10.1016/j.cscee.2025.101211>
- Harefa, Y. I. (2026). *Pengaruh perubahan tata guna lahan terhadap peningkatan limpasan permukaan akibat urbanisasi dan risiko banjir*. 02, 14–20.
- Harto Br. Sri. (1993). *Analisis Hidrologi*. PT Gramedia Pustaka Utama.
- Helena Abighail, S., Kridasantausa (alm.), I., Farid, M., & Moe, I. R. (2022). Pemodelan Banjir akibat Perubahan Tata Guna Laha di Daerah Aliran Sungai Ciliwung. *Jurnal Teknik Sipil*, 29(1). <https://doi.org/10.5614/jts.2022.29.1.6>
- Heywood, D. I., Cornelius, S. C., & Carver, S. (2011). *An Introduction to Geographical Information Systems* (4th ed.). Pearson Prentice Hall (atau Pearson Education, tergantung edisi yang kamu gunakan).
- Irwansyah, D., Soekarno, I., Mertawiasa, I. N. Y., Nurhadid, R. N., & Setyoasri, Y. P. (2026). *Assessing the Impact of Land Cover Change on Peak Discharge Using HEC - HMS : Case Study of the Batang Timpeh Watershed , Indonesia*. 15(2), 580–596.
- Jawale, Sharad, P., & Thube, A. D. (2025). Rainfall-runoff modeling of urban floods using GIS and HEC-HMS. *MethodsX*, 15(June), 103437. <https://doi.org/10.1016/j.mex.2025.103437>
- Koneti, S., Sunkara, S. L., & Roy, P. S. (2018). Hydrological modeling with respect to impact of land-use and land-cover change on the runoff dynamics in Godavari river basin using the HEC-HMS model. *ISPRS International Journal of Geo-Information*, 7(6).
<https://doi.org/10.3390/ijgi7060206>
- Liu, J., Xiong, J., Chen, Y., Sun, H., Zhao, X., Tu, F., & Gu, Y. (2023). An integrated model chain for future flood risk prediction under land-use changes. *Journal of Environmental Management*, 342(October 2022). <https://doi.org/10.1016/j.jenvman.2023.118125>
- Longley, P. A., Goodchild, Michael F. Maguire, D. J., & Rhind, D. W. (2015). *Geographic Information Science and Systems*. John Wiley & Sons.
- Lyona, V., Fauzi, M., & Sutikno, S. (2014). Kajian Pengaruh Perubahan Tata Guna Lahan Terhadap Profil Muka Air Sungai Air Hitam Kota Pekanbaru. *JOM Universitas Riau*, 1–15.
- Ma, S., Wang, L. J., Jiang, J., & Zhao, Y. G. (2024). Land use/land cover change and soil property variation increased flood risk in the black soil region, China, in the last 40 years. *Environmental Impact Assessment Review*, 104(May 2023), 107314.
<https://doi.org/10.1016/j.eiar.2023.107314>

- MARSHA, G. D. (2025). *DAMPAK PERUBAHAN PENGGUNAAN LAHAN TERHADAP DEBIT BANJIR DAS OGAN DI KERTAPATI, SUMATERA SELATAN*. UNIVERSITAS GADJAH MADA.
- Nanda, A. R., Nurnawaty, Mansida, A., & Bancong, H. (2025). A bibliometric analysis of trends in rainfall-runoff modeling techniques for urban flood mitigation (2005–2024). *Results in Engineering*, 26(February), 104927. <https://doi.org/10.1016/j.rineng.2025.104927>
- Oriandra, R. D., Kusuma, M. S. B., Farid, M., Nugroho, E. O., Soekarno, I., & Andrean, R. (2024). Risk analysis of debris and non-debris flow in the Cisokan river flood event. *E3S Web of Conferences*, 479, 1–18. <https://doi.org/10.1051/e3sconf/202447903004>
- Prahasta, E. (2001). *Konsep-Konsep Dasar Sistem Informasi Geografis*. Informatika.
- SAFIRA BITANISA ADNIA AMANITYA. (2024). *Penerapan Model HEC-HMS Untuk Analisis Limpasan Akibat Perubahan Penggunaan Lahan di DAS Winongo, Daerah Istimewa Yogyakarta*. Universitas Gadjah Mada.
- Sitanggang, G. E. (2014). *Pemodelan Hujan-Debit pada Sub Daerah Aliran Sungai Menggunakan Program Bantu HEC-HMS (Studi Kasus pada Kanal Duri)*. Universitas Riau.
- Soewarno. (1995). *Hidrologi: Aplikasi Metode Statistik untuk Analisa Data*. Nova.
- Soulis, K. X. (2021). Soil conservation service curve number (SCS-CN) method: Current applications, remaining challenges, and future perspectives. *Water (Switzerland)*, 13(2). <https://doi.org/10.3390/w13020192>
- Sujono, J. (2023). *Hidrologi Terapan: Transformasi Hujan-Aliran dengan HEC-HMS*. Gadjah Mada University Press.
- Supratman, M., Kusuma, M. S. B., Cahyono, M., & Kuntoro, A. A. (2024). Flood Hazard Assessment Due to Changes in Land Use and Cover. *Civil Engineering Journal (Iran)*, 10(12), 3874–3891. <https://doi.org/10.28991/CEJ-2024-010-12-04>
- Suripin. (2004). *Sistem Drainase Perkotaan yang Berkelanjutan*. ANDI.
- Triatmodjo, B. (2008). *Hidrologi Terapan*. Beta Offset.
- Wahyunto, Abidin, M. Z., Priyono, A., & Sunaryo. (2001). *Prosiding Seminar Nasional Multifungsi Lahan Sawah*.
- Yousif, Y. T., & Hamdan, A. N. A. (2026). Flood Simulation Utilizing HEC-HMS and HEC-RAS. *Civil Engineering Journal (Iran)*, 12(1), 231–251. <https://doi.org/10.28991/CEJ-2026-012-01-013>
- Zope, P. E., Eldho, T. I., & Jothiprakash, V. (2016). Impacts of land use-land cover change and urbanization on flooding: A case study of Oshiwara River Basin in Mumbai, India. *Catena*, 145, 142–154. <https://doi.org/10.1016/j.catena.2016.06.009>