

REFERENCES

- Abdulkareem, J. H., Pradhan, B., Sulaiman, W. N. A., & Jamil, N. R. (2018). Review of studies on hydrological modelling in Malaysia. In *Modeling Earth Systems and Environment* (Vol. 4, Issue 4, pp. 1577–1605). Springer Science and Business Media Deutschland GmbH. <https://doi.org/10.1007/s40808-018-0509-y>
- AlMahasneh, L., Abuhamoor, D., Al Sane, K., & Haddad, N. J. (2023). Assessment and mapping of flash flood hazard severity in Jordan. *International Journal of River Basin Management*, 21(2), 311–325. <https://doi.org/10.1080/15715124.2021.1981354>
- Alsharif, O., Ezzeldin, M. M., & Gutub, S. A. (2013). *Comparison of peak discharge estimation methods in northern Jeddah in Western Saudi Arabia*. <https://www.researchgate.net/publication/265802894>
- Amin, N. F. M., & Othman, F. (2018). Generation of flood map using infoworks for Sungai Johor. *International Journal of Integrated Engineering*, 10(2), 142–145. <https://doi.org/10.30880/ijie.2018.10.02.026>
- Baiamonte, G. (2019). A rational runoff coefficient for a revisited rational formula. *Hydrological Sciences Journal/Journal Des Sciences Hydrologiques*, 65. <https://doi.org/10.1080/02626667.2019.1682150>
- Balta, B. B. (2024). *Analysis Of Flow, Roughness And Downstream Boundary Condition Uncertainties Within Hec-Ras 1-D Modeling A Thesis Submitted To The Graduate School Of Natural And Applied Sciences Of Middle East Technical University*.
- Devia, G. K., Ganasri, B. P., & Dwarakish, G. S. (2015). A Review on Hydrological Models. *Aquatic Procedia*, 4, 1001–1007. <https://doi.org/10.1016/j.aqpro.2015.02.126>
- DID. (2012). *Urban Stormwater Management Manual for Malaysia, MSMA 2nd Edition*.
- DID. (2018). *Hydrological Procedure No. 11 Design Flood Hydrograph Estimation For Rural Catchments in Malaysia (Revised and Updated 2018)*.
- DID. (2020). *Laporan Banjir Johor, Bahagian Pengurusan Sumber Daya Air dan Hidrologi, JPS Malaysia*.
- DID. (2021). *Penyediaan Pelan Pengurusan Lembangan Sungai Bersepadu (IRBM) Sungai Batu Pahat, Johor*.

- Diogo, A. F., & do Carmo, J. A. (2019). Peak flows and stormwater networks design-current and future management of urban surface watersheds. *Water (Switzerland)*, 11(4). <https://doi.org/10.3390/w11040759>
- Diya, S. G., Kamarudin, M. K. A., Gasim, M. B., Toriman, M. E., Juahir, H., Umar, R., Saudi, A. S. M., Abdullahi, M. G., & Rabiu, A. A. (2018). Flood simulation model using XP-SWMM along Terengganu River, Malaysia. *Journal of Fundamental and Applied Sciences*, 9(2S), 66. <https://doi.org/10.4314/jfas.v9i2s.5>
- Genereux, D. P. (2003). Comparison of methods for estimation of 50-year peak discharge from a small, rural watershed in North Carolina. *Environmental Geology*, 44(1), 53–58. <https://doi.org/10.1007/s00254-002-0734-5>
- Habibu, I., Rowshon, M. K., & Lai, S. H. (2020). *Performance of HEC-HMS and ArcSWAT Models for Assessing Climate Change Impacts on Streamflow at Bernam River Basin in Malaysia*. <https://www.researchgate.net/publication/344326211>
- Hamzah, F. M., Saimi, F. M., & Jaafar, O. (2017). Identifying the monotonic trend in climate change parameter in Kluang and Senai, Johor, Malaysia. *Sains Malaysiana*, 46(10), 1735–1741. <https://doi.org/10.17576/jsm-2017-4610-09>
- Haryati Shafii, & Sharifah Meryam. (2009, October). *Pengaruh Kejadian Banjir di Batu Pahat Terhadap Persekitaran dan Habitat Manusia*.
- Hasan, H. H., Razali, S. F. M., Zaki, A. Z. I. A., & Hamzah, F. M. (2019). Integrated hydrological-hydraulic model for flood simulation in tropical urban catchment. *Sustainability (Switzerland)*, 11(23). <https://doi.org/10.3390/su11236700>
- Hutana, E., Mihu-Pintilie, A., Urzica, A., Paveluc, L. E., Stoleriu, C. C., & Grozavu, A. (2020). Using 1D HEC-RAS modeling and LiDAR data to improve flood hazard maps accuracy: A case study from Jijia Floodplain (NE Romania). *Water (Switzerland)*, 12(6). <https://doi.org/10.3390/w12061624>
- Jiang, L., Chen, Y., & Wang, H. (2015). Urban flood simulation based on the SWMM model. *IAHS-AISH Proceedings and Reports*, 368, 186–191. <https://doi.org/10.5194/piahs-368-186-2015>
- Jurutera Perunding Putra. (2024). *Rekabentuk Terperinci Bagi Rancangan Tebatan Banjir Sungai Batu Pahat, Johor (Seri Medan)*.

- Marimin, N. A., Razi, M. A. M., Ahmad, M. A., Adnan, M. S., & Rahmat, S. N. (2018). HEC-RAS hydraulic model for floodplain area in Sembrong River. *International Journal of Integrated Engineering*, 10(2), 151–157. <https://doi.org/10.30880/ijie.2018.10.02.029>
- Mohammed, A. F. M., Adnan, M. S., Muneer, A., & Sadeq, S. (2021). Flood Estimation Studies Using Hydrologic Modelling System (HEC-HMS) for Batu Pahat River Malaysia. *2021 3rd International Sustainability and Resilience Conference: Climate Change*, 225–230. <https://doi.org/10.1109/IEEECONF53624.2021.9667988>
- Mumtaz, Q. (2022). Floodplain Modelling by Using HEC-RAS at Batu Pahat River, Johor. *Recent Trends in Civil Engineering and Built Environment*, 3(1), 1665–1675. <https://doi.org/10.30880/rtcebe.2022.03.01.186>
- Naharuddin, N., Mohammad, S., Sadeghi, M., Malik, A., Rosyid, A., & Ahyauddin, A. (2021). *Peak discharge estimation to evaluate and monitor the Gumbasa Watershed performance, Central Sulawesi, Indonesia*. <http://www.cigrjournal.org>
- Nurhamidah, N., Junaidi, A., Ramadhan, H., & Putra, R. E. (2021). The effects of river normalization on flood risk. *E3S Web of Conferences*, 331. <https://doi.org/10.1051/e3sconf/202133108003>
- Peker, İ. B., Gülbaz, S., Demir, V., Orhan, O., & Beden, N. (2024). Integration of HEC-RAS and HEC-HMS with GIS in Flood Modeling and Flood Hazard Mapping. *Sustainability (Switzerland)*, 16(3). <https://doi.org/10.3390/su16031226>
- Prasetyo, D., Fachrie Algadry, M. A., & Nurdyianto, N. (2024). Analysis Of Cisanggarung River Flood In Sidaresmi Village, Pabedilan District, Cirebon Regency Using Hec-Ras Software. *Jurnal Locus Penelitian Dan Pengabdian*, 3(11), 927–945. <https://doi.org/10.58344/locus.v3i11.3301>
- Pratiwi, V., Yakti, B. P., & Widjantoro, B. E. (2020). Flood Control Reduction Analysis using HEC-RAS due to Local Floods in Central Jakarta. *IOP Conference Series: Materials Science and Engineering*, 879(1). <https://doi.org/10.1088/1757-899X/879/1/012167>
- Prayogo, S. D., Syahdan, M., Ridwan, I., & Rifa'i, M. A. (2023). Analisis Banjir Sungai Menggunakan Model HEC-RAS di Wilayah DAS Tabanio Kabupaten Tanah Laut Provinsi Kalimantan Selatan. *EnviroScientiae*, 19(4), 123. <https://doi.org/10.20527/es.v19i4.17817>
- Ramadhan, H., De Boyosa, V., & Junaidi, A. (2021). *Analisis Kapasitas Penampang Akibat Normalisasi Pada Batang Maransi*.

Sabeti, R., Kjeldsen, T. R., Stamatakis, I., & Rahi, B. (2024). Optimisation of hardware setups for time-efficient HEC-RAS simulations. *Cambridge Prisms: Water*, 2, e13. <https://doi.org/10.1017/wat.2024.11>

Shafii, H., & Meryam, S. (2010a, March). *Peranan Pihak Berkuasa Tempatan dalam Pengurusan Banjir di Batu Pahat, Johor.*

Shafii, H., & Meryam, S. (2010b, April). *Kajian Pengurusan Banjir di Lembangan Sungai Batu Pahat, Johor dan Cabaran-Cabaran yang dihadapi oleh PBT.*

Tu, M. C., & Smith, P. (2018). Modeling Pollutant Buildup and Washoff Parameters for SWMM Based on Land Use in a Semiarid Urban Watershed. *Water, Air, and Soil Pollution*, 229(4). <https://doi.org/10.1007/s11270-018-3777-2>

