# DAFTAR PUSTAKA

Abebe, N. A., Ogden, F. L., & Pradhan, N. R. (2010). Sensitivity and uncertainty analysis of the conceptual HBV rainfall–runoff model: Implications for parameter estimation. Journal of Hydrology, 389(3-4), 301-310.

Adiningrum, C. (2015). Analisis Perhitungan Evapotranspirasi Aktual Terhadap Perkiraan Debit Kontinyu dengan Metode Mock. Jurnal Teknik Sipil, 13(2), 135-147.

Ali, S. & Negm, A. (2024). Groundwater Quality and Geochemistry in Arid and Semi-Arid Regions. India: Springer.

Al Fathin, M. A., Sudarsono, B., & Bashit, N. (2019). Analisis Perbandingan Peningkatan Sedimentasi Di Waduk Mrica Dengan Perubahan Tutupan Lahan Pada Daerah Aliran Sungai (DAS) Merawu Menggunakan Data Citra Satelit Landsat. Jurnal Geodesi Undip, 8(1), 388-397.

Alhamda, M. Z., Hidayah, E., & Yunarni, W. (2020). Perbadingan Estimasi Curah Hujan MRR dan TRMM 3B42 Sebagai Input Model Hidrologi HBV Studi Kasus DAS Bedadung. Rekayasa Sipil, 14(2), 112-119.

Al-Safi, H. I. J., & Sarukkalige, P. R. (2020). The application of conceptual modelling to assess the impacts of future climate change on the hydrological response of the Harvey River catchment. Journal of Hydro-environment Research, 28, 22-33.

Andini, F. Y., Dasanto, B. D., & Santikayasa, I. P. (2023). Respon Model HBV dan Model Tangki terhadap Estimasi Debit Aliran di DAS Bogowonto, Jawa Tengah. Jurnal Sumber Daya Air, 19 (2): 84 – 95.

Andawayanti, U., Lufira, R.D., Suhardjono, Ismoyo, M.J., Prasetyorini, L., & Putra, M.A.R. (2022). Aplikasi SWMM dalam Perencanaan Drainase Perkotaan. Malang: Universitas Brawijaya Press.

Aryal, A., Shrestha, S., & Babel, M. S. (2019). Quantifying the sources of uncertainty in an ensemble of hydrological climate-impact projections. Theoretical and Applied Climatology, 135, 193-209.

Asdak, Chay. (2023). Hidrologi dan Pengelolaan Daerah Aliran Sungai. Yogyakarta: UGM PRESS.

Atmaja, A. S., Muzakki, N. F., & Oktavian, Z. D. (2024). Peramalan Tinggi Muka Air Menggunakan Long-Short Term Memory dengan Mekanisme Multi-Head Attention. In Seminar Nasional Official Statistics (Vol. 2024, No. 1, pp. 625-636).

Ávila, L.; Silveira, R.; Campos, A.; Rogiski, N.; Gonçalves, J.; Scortegagna, A.; Freita, C.; Aver, A.; Fan, F. (2022). Comparative Evaluation of Five Hydrological Models in a Large-Scale and Tropical River Basin. Water, 14, 3013: 1 – 21. https://doi.org/10.3390/w14193013

Azmeri. (2020). Erosi, Sedimentasi, dan Pengelolaannya. Aceh: Syiah Kuala University Press.

Badan Meteorologi Klimatologi dan Geofisika. (2021). Peta Rata-rata Curah Hujan dan Hari Hujan Periode 1991 – 2020 Indonesia. Jakarta: Pusat Informasi Perubahan Iklim BMKG.

Badora, D., Wawer, R., Nierobca, A., Krol-Badziak, A., Kozyra, J., Jurga, B., & Nowocien, E. (2022). Modelling the hydrology of an upland catchment of Bystra River in 2050 climate using RCP 4.5 and RCP 8.5 emission scenario forecasts. Agriculture, 12(3), 403.

Bizuneh, B. B., Moges, M. A., Sinshaw, B. G., & Kerebih, M. S. (2021). SWAT and HBV models' response to streamflow estimation in the upper Blue Nile Basin, Ethiopia. Water-Energy Nexus, 4, 41-53.

Bujung, D. P. A., Turangan, A. E., & Sarajar, A. N. (2019). Pengaruh Intensitas Curah Hujan Terhadap Kuat Geser Tanah. TEKNO, 17(72).

Case, M., Ardiansyah, F., & Spector, E. (2007). Climate change in Indonesia. Implications for Humans and Nature. WWF.

Chanzi, G., Bushesha, M., Munishi, S., & Karia, A. (2023). Application of Mann Kendal Sen's Slope Estimator in Trend Analysis of Historical And Future Precipitation and Suhue in the Kilombero River Basin. Huria: Journal of the Open University of Tanzania, 30(1), 127-150.

Chen, Y., Marek, G. W., Marek, T. H., Moorhead, J. E., Heflin, K. R., Brauer, D. K., ... & Srinivasan, R. (2019). Simulating the impacts of climate change on hydrology and crop production in the Northern High Plains of Texas using an improved SWAT model. Agricultural Water Management, 221, 13-24.

Curran, J. H., & Biles, F. E. (2021). Identification of seasonal streamflow regimes and streamflow drivers for daily and peak flows in Alaska. Water Resources Research, 57(2), e2020WR028425.

Darajaat, M. R., Iqbal, P., Zakaria, Z., & Muslim, D. (2020). Pengaruh Intensitas dan Durasi Hujan Terhadap Kestabilan Lereng Tanah Residual Vulkanik di Jalur Liwa-Kemuning, Lampung Barat. Geoscience Journal, 4(2), 181-190.

Darmawan, M. Z., Pratiwi, D. A. W., & Fadilah, S. (2023). Analisis Potensi Air Baku Menggunakan Model Swat di Sungai Cipunagara Untuk Kabupaten Indramayu Dan Kabupaten Subang. Potential Analysis of Raw Water …. Proceeding Civil Engineering Research Forum, 2(2), 336–346. https://dspace.uii.ac.id/handle/123456789/42095

Dasanto, B. D. & Lestari, I. (2019). Penentuan Indeks Ekstrem Hidrologi menggunakan Hasil Simulasi Model HBV (Studi Kasus: DAS Ciliwung Hulu). Jurnal Agromet, 33(1), 20-29.

de Oliveira, V. A., de Mello, C. R., Beskow, S., Viola, M. R., & Srinivasan, R. (2019). Modeling the effects of climate change on hydrology and sediment load in a headwater basin in the Brazilian Cerrado biome. Ecological Engineering, 133, 20-31.

Diez, D. B. & Asensio, E. R. (2024). Sustainable Energy Planning in Smart Grids. United States: Elsevier.

Dong, Y., & Peng, C.-Y. Y. J. (2013). Principled Missing Data Methods for Researchers. SpringerPlus, 2(1): 222. https://doi.org/10.1186/2193-1801-2-222

Fadli, D. M. (2023). Prediksi Ketersediaan Air Akibat Perubahan Tataguna Lahan dan Iklim pada DAS Majalaya. Jurnal Konstruksi, 21(1), 128-136.

Faradiba, 2021. Analysis of Intensity, Duration, and Frequency Rain Daily of Java Island Using Mononobe Method. J. Phys. Conf. Ser. 1783, 012107. https://doi.org/10.1088/1742-6596/1783/1/012107

Faridah, S. N., Waris, A., & Nurbaya (2018). Analisis Debit Banjir Maksimum untuk Perencanaan Pengelolaan Daerah Aliran Sungai. Senarai Penelitian Regenerasi Sektor Pertanian: SDM, SocioAgroTechnology: 76.

Ficklin, D. L., Luo, Y., Luedeling, E., & Zhang, M. (2009). Climate change sensitivity assessment of a highly agricultural watershed using SWAT. Journal of Hydrology, 374(1–2), 16–29.

Ghosh, S., & Dutta, S. (2011). Impact of Climate and Land Use Changes on the Flood Vulnerability of the Brahmaputra Basin. In Geospatial world forum: 18-21.

Givati, A., Thirel, G., Rosenfeld, D., & Paz, D. (2019). Climate change impacts on streamflow at the upper Jordan River based on an ensemble of regional climate models. Journal of Hydrology: Regional Studies, 21, 92-109.

Gocic, M., & Trajkovic, S. (2013). Analysis of changes in meteorological variables using Mann-Kendall and Sen's slope estimator statistical tests in Serbia. Global and planetary change, 100, 172-182.

Hailegeorgis, T. T., & Alfredsen, K. (2015). Comparative evaluation of performances of different conceptualisations of distributed HBV runoff response routines for prediction of hourly streamflow in boreal mountainous catchments. Hydrology Research, 46(4), 607-628.

Hamid, A. (2020). Drainase Kota Pontianak. Pontianak: IAFT Untan.

Hariadi, M. H., Van Der Schrier, G., Steeneveld, G. J., Sutanto, S., Sutanudjaja, E., Ratri, D. N., ... & Klein Tank, A. (2023). A high-resolution perspective of extreme rainfall and river flow under extreme climate change in Southeast Asia. Hydrology and Earth System Sciences Discussions, 2023, 1-29.

Hariadi, M. H., Sutanto, S. J., van der Schrier, G., Supit, I., Ratri, D. N., Steeneveld, G. J., ... & Tank, A. K. (2024). Unravelling the Impact of Changing Rainy Seasons on Rice Production in Southeast Asia: A Climate Change High-resolution Perspective.

Hariadi, M. H., van der Schrier, G., Steeneveld, G. J., Ratri, D. N., Sopaheluwakan, A., Tank, A. K., ... & Linarka, U. A. (2023). Evaluation of extreme precipitation over Southeast Asia in the Coupled Model Intercomparison Project Phase 5 regional climate model results and HighResMIP global climate models. International Journal of Climatology, 43(3), 1639-1659.

Hari, B. S. (2019). Pemanasan Global dan Perubahan Iklim. Penerbit Duta.

Hoang, L.P., Lauri, H., Kummu, M., Koponen, J., van Vliet, M., Supit, I Leemans, R., Kabat, P., Ludwig, F. (2016). Mekong River flow and hydrological extremes under climate change. Hydrology and Earth System Sciences, 20: 3027–3041.

Hudha, A. M., Husamah, Rahardjanto, A. (2019). Etika Lingkungan (Teori dan Praktik Pembelajarannya). Malang: UMM Press.

Indarto, Herlinda, N. D. (2020). Aplikasi Metode Pemisahan Aliran Dasar Berbasis Grafis Digital: Studi Pendahuluan di Wilayah DAS Brantas. Jurnal Sumber Daya Air, 16(1), 11-22.

IPCC. (2014). Summary for Policymakers. Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Khodabandeh Baygi, R., Ghezelsofloo, A. A., Eftekhari, M., & Rastgoo, M. (2023). Impacts of Climate Change on the Statistical Trends of Monthly and Annual Flood Discharges in the Kashafrood River Basin Iran. Journal of Drought and Climate change Research, 1(2), 27-40.

Kim, K. B., Kwon, H. H., & Han, D. (2018). Exploration of warm-up period in conceptual hydrological modelling. Journal of Hydrology, 556, 194-210.

Kironoto, B. A., Yulistiyanto, B., & Olii, M. R. (2021). Erosi dan Konservasi Lahan. Yogyakarta: UGM PRESS.

Knoben, W. J. M., Freer, J. E., Peel, M. C., Fowler, K. J. A., & Woods, R. A. (2020). A brief analysis of conceptual model structure uncertainty using 36 models

and 559 catchments. Water Resources Research, 56, https://doi.org/10.1029/2019WR025975

Knutti, R., Masson, D., & Gettelman, A. (2013). Climate model genealogy: Generation CMIP5 and how we got there. Geophys. Res. Lett, 40, 1194-1199. doi:10.1002/grl.50256

Koetz, B., Fernendez-Prieto, D., Menenti, M., & Zoltan V. (2015). Earth Observation for Water Resource Management in Africa. Swiss: MDPI AG.

Kohrell, Garner J., David J. Mulla and Brian Gelder. (2023). Calibration and Validation of Hillslope Runoff and Soil Loss Outputs From the Water Erosion Prediction Project Model in Minnesota Agricultural Watersheds. JAWRA Journal of the American Water Resources Association 00(0): 1–20. https://doi.org/10.1111/1752-1688.13148

Krause, P., Boyle, D. P., & Bäse, F. (2005). Comparison of different efficiency criteria for hydrological model assessment. Advances in geosciences, 5, 89-97.

Islam, A., Akram, W., & Narmeen, R. (2023). Hydrological modeling and watershed analysis of swat river basin by using HBV light model and ARC GIS. Bulletin of Biological and Allied Sciences Research, 2023(1), 54-54.

Latuamury, B. (2020). Buku Ajar Manajemen DAS Pulau-Pulau Kecil. Yogyakarta: Deepublish.

Lestari, I. & Sasanto, B. D. (2019). Penentuan Indeks Ekstrem Hidrologi menggunakan Hasil Simulasi Model HBV (Studi Kasus: DAS Ciliwung Hulu). Agromet, 33(1), 20-29.

Lidén, R., & Harlin, J. (2000). Analysis of conceptual rainfall–runoff modelling performance in different climates. Journal of hydrology, 238(3-4), 231-247.

Lihawa, F. (2017). Daerah Aliran Sungai Alo Erosi, Sedimentasi dan Longsoran. Yogyakarta: Deepublish.

Lopez, M. G., Vis, J. P. M., Jenicek, M., Griessinger, N., & Seibert, J. (2020). Complexity and performance of suhue-based snow routines for runoff

modelling in mountainous areas in Central Europe. Hydrology and Earth System Sciences, 24, 4441-4461.

Luo, Y., Ficklin, D. L., Liu, X., & Zhang, M. (2013). Assessment of climate change impacts on hydrology and water quality with a watershed modeling approach. Science of the total environment, 450, 72-82.

Lupakov, S. Y., Bugaets, A. N., & Shamov, V. V. (2022). Evaluation of the HBV hydrological model parameters using field observation data on experimental catchments (south of Primorsky Krai). Geography and Natural Resources, 43(3), 287-294.

Maharjan, A., de Campos, R. S., Singh, C., Das, S., Srinivas, A., Bhuiyan, M. R. A., ... & Vincent, K. (2020). Migration and household adaptation in climate-sensitive hotspots in South Asia. Current Climate Change Reports, 6, 1-16.

Maryudi, A., & Nawir, A. A. (2018). Hutan rakyat di simpang jalan. Yogyakarta: UGM PRESS.

Masih, I. (2011). Understanding Hydrological Variability for Improved Water Management in the Semi-Arid Karkheh Basin, Iran. Belanda: Taylor & Francis.

McMillan, H. K., Westerberg, I. K., & Krueger, T. (2018). Hydrological data uncertainty and its implications. Wiley Interdisciplinary Reviews: Water, 5(6), e1319.

Meinshausen, M., Smith, S. J., Calvin, K., Daniel, J. S., Kainuma, M. L., Lamarque, J. F., ... & van Vuuren, D. P. (2011). The RCP greenhouse gas concentrations and their extensions from 1765 to 2300. Climatic change, 109, 213-241.

Merly, S. L. & Pane, L. R. (2023). Buku Ajar Ekosistem Padang Lamun. Maland: Penerbit Rena Cipta Mandiri.

Miyan, M. A. (2015). Droughts in Asian least developed countries: vulnerability and sustainability. Weather and climate extremes, 7, 8-23.

Mohammed, S., Hussien, M., Alsafadi, K., Mokhtar, A., Rianna, G., Kbibo, I., ... & Harsanyi, E. (2021). Assessing the WEPP model performance for

predicting daily runoff in three terrestrial ecosystems in western Syria. Heliyon, 7(4).

Moriasi, D. N., Arnold, J. G., Van Liew, M. W., Bingner, R. L., Harmel, R. D., & Veith, T. L. (2007). Model evaluation guidelines for systematic quantification of accuracy in watershed simulations. Transactions of the ASABE, 50(3), 885-900.

Muauz, A., Berehanu, B., & Bedru, H. (2024). Utilizing the HBV-Light semi-distributed conceptual hydrological model to estimate groundwater recharge in the upstream part of the Awash River basin, Ethiopia. Journal of Hydrology, 56, 102018.

Ngadisih, N., Suryatmojo, H., Satriagasa, M. C., Annisa, M., & Kumolo, C. (2020). Komparasi Tiga Model Infiltrasi pada Lahan Pertanian dan Agroforestri di DAS Merawu Banjarnegara. Jurnal Ilmiah Rekayasa Pertanian dan Biosistem, 8(1), 20-32.

Ningrum, W., Apip, & Narulita, I. (2024, March). Comparison of the application of HBV and HEC-HMS hydrology models for accessing climate change in the upper Citarum Watershed, Indonesia. IOP Conference Series: Earth and Environmental Science, 1314(1).

Nonki, R. M., Lenouo, A., Tshimanga, R. M., Donfack, F. C., & Tchawoua, C. (2021). Performance assessment and uncertainty prediction of a daily time-step HBV-Light rainfall-runoff model for the Upper Benue River Basin, Northern Cameroon. Journal of Hydrology: Regional Studies, 36, 100849.

Nufutomo, T. K. (2022). Perubahan Iklim Sebagai Ancaman Ketahanan Kualitas Air Pada Daerah Aliran Sungai: Literatur Review. Jurnal Reka Lingkungan, 10(3), 188-200.

Nugraha, D. K., Nugroho, B. D. A., & Setyawan, C. (2021). Dampak Perubahan Curah Hujan Terhadap Tingkat Kerentanan Erosi Tanah di Sub DAS Merawu, Jawa Tengah The Impact of Rainfall Changes on The Level of Vulnerability of Soil. Jurnal Teknik Pertanian Lampung Vol, 10(3), 356-366.

Nugroho, B.D.A. 2020. Fenomena Iklim Global, Perubahan Iklim dan Dampaknya di Indonesia. Gadjah Mada University Press, Yogyakarta.

Nuzul, M., Achmad, M., & Soma, A. S. (2021). Analisis Genangan Banjir Akibat Debit Puncak di DAS Baubau Menggunakan HEC-RAS dan GIS. Jurnal Pembangunan Wilayah dan Kota, 17(2), 192-206.

Osuch, M.; Romanowicz, R.J.; Booij, M.J. The influence of parametric uncertainty on the relationships between HBV model parameters and climatic characteristics. Hydrological Science Journal, 2015, 60, 1299–1316.

Ouatiki, H., Boudhar, A., Ouhinou, A., Beljadid, A., Leblanc, M., & Chehbouni, A. (2020). Sensitivity and interdependency analysis of the HBV conceptual model parameters in a semi-arid mountainous watershed. Water, 12(9), 2440.

Parjiono, Samosir, A.P., & Sujai, M. (2017). Kebijakan Fiskal, Perubahan Iklim, dan Keberlanjutan Pembangunan. Jakarta: PT Gramedia Pustaka Utama.

Parra, V., Arumí, J.L., Muñoz, E. (2019). Identifying a Suitable Model for Low-Flow Simulation in Watersheds of South-Central Chile: A Study Based on a Sensitivity Analysis. Water, 11, 1506

Parra, V., Fuentes-Aguilera, P., Muñoz, E. (2018) Identifying advantages and drawbacks of two hydrological models based on a sensitivity analysis: A study in two Chilean watersheds. Hydrol. Sci. J, 63, 1831–1843.

Pathak, H., Chatterjee, D., Saha, S., & Das, B. (2024). Climate Change Impacts on Soil-Plant-Atmosphere Continuum. India: Springer.

Patterson, L. A., Lutz, B., & Doyle, M. W. (2013). Climate and direct human contributions to changes in mean annual streamflow in the South Atlantic, USA. Water Resources Research, 49(11), 7278-7291.

Pechlivanidis, I. G., Jackson, B. M., Mcintyre, N. R., & Wheater, H. S. (2011). Catchment scale hydrological modelling: A review of model types, calibration approaches and uncertainty analysis methods in the context of recent developments in technology and applications. Global NEST journal, 13(3), 193-214.

Pedersen, J. T. S., van Vuuren, D., Gupta, J., Santos, F. D., Edmonds, J., & Swart, R. (2022). IPCC emission skenarios: How did critiques affect their quality and relevance 1990–2022?. Global Environmental Change, 75, 102538.

Pervin, L., Gan, T. Y., Scheepers, H., & Islam, M. S. (2021). Application of the HBV model for the future projections of water levels using dynamically downscaled global climate model data. Journal of Water and Climate Change, 12(6), 2364-2377.

Pinontoan, O. R. & Sumampouw, O. J. (2019). Dasar Kesehatan Lingkungan. Yogyakarta: Deepublish.

Purba, N. A. H., Lukman, A., & Sarifah, J. (2021). Perbandingan Metode Mononobe dan Metode Van Breen Untuk Pengukuran Intensitas Curah Hujan Terhadap Penampang Saluran Drainase. Buletin Utama Teknik, 16(2), 119-125.

Purnomo, S. N. (2017). Pengaruh Metode Pemilihan Data Hujan pada Perancangan Debit Banjir Banjir di DAS Serayu. Techno, 18(1), 50-58.

Rao N, Singh C, Solomon D, Camfield L, Sidiki R, Angula M et al. (2020). Managing risk, changing aspirations and household dynamics: implications from wellbeing and adaptation in semi-arid Africa and India. World Dev. https://doi.org/10.1016/j.worlddev.2019.104667.

Romadhoni, A. Z., Wulandari, D. A., & Suharyanto, S. (2022). Dampak Perubahan Iklim Terhadap Indeks Erosivitas Hujan Pada Daerah Tangkapan Air Waduk Saguling. Jurnal Rekayasa Sipil dan Lingkungan, 5(2), 107-120.

Romanowicz, R. J., Osuch, M., & Grabowiecka, M. (2013). On the choice of calibration periods and objective functions: a practical guide to model parameter identification. Acta Geophysica, 61, 1477-1503.

Ruminta, Handoko dan Nurmala, T. (2018). Indikasi perubahan iklim dan dampaknya terhadap produksi padi di Indonesia (Studi kasus : Sumatera Selatan dan Marhendi, T. 2011. Pengaruh Anomali Malang Raya). Jurnal Agro, 5 (1) : 48-60

Rusli, S. R., Yudianto, D., & Liu, J. T. (2015). Effects of temporal variability on HBV model calibration. Water Science and Engineering, 8(4), 291-300.

Sam, M. G., Nwaogazie, I. L., & Ikebude, C. (2022). Climate change and trend analysis of 24-hourly annual maximum series using Mann-Kendall and Sen slope methods for rainfall IDF modeling. International Journal of Environment and Climate Change, 12(3), 44-60.

Sam, T.T., Khoi, D.N., Thao, N.T.T., Nhi, P.T.T., Quan, N.T., Hoan, N.X., Nguyen, V.T., (2019). Impact of climate change on meteorological, hydrological and agricultural droughts in the Lower Mekong River Basin: a case study of the Srepok Basin, Vietnam. Water Environ. J. 33, 547–559.

Sarstedt, M., Ringle, C. M., & Hair, J. F. (2021). Partial least squares structural equation modeling. In Handbook of market research. Cham: Springer International Publishing.

Satriagasa, M. C., Suryatmojo, H., & Kusumandari, A. (2020). Zonasi kerawanan longsor dan strategi arahan mitigasi longsor di DAS Merawu Banjarnegara. Geo Media: Majalah Ilmiah dan Informasi Kegeografian, 18(2), 106-116.

Satriagasa, M.C.; Tongdeenok, P.; Kaewjampa, N. Assessing the Implication of Climate Change to Forecast Future Flood Using SWAT and HEC-RAS Model under CMIP5 Climate Projection in Upper Nan Watershed, Thailand. Sustainability 2023, 15, 5276. https://doi.org/10.3390/su15065276

Schoul, J. & Abbaspour, K.C. (2006). Calibration and uncertainty issues of a hydrological model (SWAT) applied to West Africa. Advances in Geoscience, (9) 137–143.

Seibert, J., & Bergström, S. (2022). A retrospective on hydrological catchment modelling based on half a century with the HBV model. Hydrology and Earth System Sciences, 26(5), 1371-1388.

Seibert, J. & Vis, M. J. P. (2012). Teaching Hydrological Modeling with a user-friendly Catchment-Runoff-Model *Software* Package. Hydrology and Earth System Sciences, 16, 3315-3325.

Seibert, Jan. (1997). Estimation of Parameter Uncertainty in the HBV Model. Nordic Hydrology, 28(45), 247-262.

Sentian, J., Payus, C. M., Herman, F., & Kong, V. W. Y. (2022). Climate change skenarios over Southeast Asia. APN Science Bulletin, 12(1), 102 – 122. doi: 10.30852/sb.2022.1927

Sentosa, A. K., Asdak, C., & Suryadi, E. (2021). Estimasi Volume Limpasan dan Debit Puncak Sub DAS Cikeruh Menggunakan Metode SCS-CN (Soil Conservation Service-Curve Number). Jurnal Keteknikan Pertanian Tropis dan Biosistem, 9(1), 90-98.

Shengjia, H., Li, S., Xie, R., Lu, J. (2016). Baseflow Separation Based on a Meteorology Corrected Nonlinier Reservoir Algorithm in a Typical Rainy Agricultural Watershed. Journal of Hydrology. 533(2016):418-428. http://dx.doi.org/10.1016/j.jhydrol.2016.02.010.

Simanjuntak, Y. S. M., Suwarman, R., & Edi, R. (2023). Analisis Karakteristik Curah Hujan Penyebab Banjir Berdurasi Panjang (Studi Kasus: Banjir Tahun 2019 Di Baleendah, Jawa Barat). Jurnal Sumber Daya Air, 19(1), 29-41.

Singh, A. K., Kumar, S., & Naithani, S. (2021). Modelling runoff and sediment yield using GeoWEPP: a study in a watershed of lesser Himalayan landscape, India. Modeling Earth Systems and Environment, 7, 2089-2100.

Sitadevi, L. (2016). Membangun Ketahanan Kota terhadap Dampak Perubahan Iklim: Studi Kasus Kota Bandar Lampung. Jurnal Perencanaan Wilayah dan Kota, 27(3), 190-207.

Suganda, E., Yatmo, Y. A., & Atmodiwirjo, P. (2009). Pengelolaan lingkungan dan kondisi masyarakat pada wilayah hilir sungai. Makara Human Behavior Studies in Asia, 13(2), 143-153.

Sukmawati, J. G., & Suryatmojo, H. 2023. Rehabilitation Strategy for Restoration of Riverbank Protection Function in the Merawu Watershed, Banjarnegara Regency. IOP Conference Series: Earth and Environmental Science, 1199(1), 012035.

Sulistyo, B., Gunawan, T., & Danoedoro, P. (2013). Pemodelan Persentase Tajuk di DAS Merawu yang Diturunkan dari Berbagai Indeks Vegetasi Data Penginderaan Jauh. Forum Geografi, 27(1), 23 – 32.

Suharnoto, Y., Boer, R., Arif, C., & Ardiansyah, M. (2023). *Software* development for analyzing the adaptability of irrigation infrastructure to climate change. Jurnal Irigasi, 17(2), 1-11.

Supharatid, S., & Nafung, J. (2021). Projected drought conditions by CMIP6 multimodel ensemble over Southeast Asia. Journal of Water and Climate Change, 12(7), 3330-3354.

Suprayogi, S., Purnama, L. S., & Darmanto, D. (2024). Pengelolaan Daerah Aliran Sungai. UGM PRESS.

Surmaini, E., Runtunuwu, E., & Las, I. (2011). Upaya sektor pertanian dalam menghadapi perubahan iklim. Jurnal Litbang Pertanian, 30(1), 1-7.

Susanti, P. D., & Miardini, A. (2016). Analisis Tingkat Kerawanan dan Teknik Mitigasi Longsor di Sub Das Merawu. Prosiding Seminar Nasional Geografi UMS, 139 – 150.

Suwardi, Purwandaru, Kusuma, & Hanifa. (2021). Identifikasi Degradasi Lahan Berdasarkan Sifat Fisika Tanah di DAS Merawu, Banjarnegara, Jawa Tengah. Geo Spatial Proceeding, 179 – 185.

Tangang, F., Juneng, L., Cruz, F., Chung, J. X., Ngai, S. T., Salimun, E., ... & Sopaheluwakan, A. (2020). Multi-model projections of precipitation extremes in Southeast Asia based on CORDEX-Southeast Asia simulations. Environmental Research, 184, 109350.

Tabari, H. (2020). Climate change impact on flood and extreme precipitation increases with water availability. Scientific reports, 10(1), 13768.

Teutschbein, C. Grabs, T., Laudon, H., Karlsen, R.H., Bishop, K. (2018). Simulating streamflow in ungauged basins under a changing climate: The importance of landscape characteristics. J. Hydrol, 561, 160–178.

Thapa, B.R., Ishidaira, H., Pandey, V.P., Shakya, N.M. .2017). A multi-model approach for analyzing water balance dynamics in Kathmandu Valley, Nepal. J. Hydrol. Reg. Stud, 9, 149–162.

Tibangayuka, N., Mulungu, D. M., & Izdori, F. (2022). Evaluating the performance of HBV, HEC-HMS and ANN models in simulating streamflow for a data

scarce high-humid tropical catchment in Tanzania. Hydrological Sciences Journal, 67(14), 2191-2204.

Tisnasuci, I. D., & Sukmono, A. (2020). Analisis pengaruh perubahan tutupan lahan daerah aliran sungai bodri terhadap debit puncak menggunakan metode soil conservation service (SCS). Jurnal Geodesi UNDIP, 10(1), 105-114.

Troeh, F, R., Hobbes, J.A., Donahue, R.L. (2004). Soil and Water Conservation for Productivity and Environmental Protection, Prentice Hall, 129 – 155.

Uca, M. S. L., Mandra, M. A. S., & Jassin, A. M. I. Z. (2022). Morfometri, Perubahan Penggunaan Lahan, Zonasi & Pemodelan Banjir. Malang: Media Nusa Creative (MNC Publishing).

Utoyo, B. (2009). Geografi: Membuka Cakrawala Dunia. Bandung: PT Grafindo Media Pratama.

Wahyudi, A. J. et al. (2018). Menyerap Karbon: Layanan Ekosistem Pesisir untuk Mitigasi Perubahan Iklim. Yogyakarta: UGM Press.

Wang, S., McGehee, R. P., Guo, T., Flanagan, D. C., & Engel, B. A. (2023). Calibration, validation, and evaluation of the Water Erosion Prediction Project (WEPP) model for hillslopes with natural runoff plot data. International Soil and Water Conservation Research, 11(4), 669-687.

Wang, H., Stephenson, S. R., & Qu, S. (2020). Quantifying the relationship between streamflow and climate change in a small basin under future skenarios. Ecological Indicators, 113, 106251.

Wang H and Stephenson SR. (2018) Quantifying the impacts of climate change and land use/cover change on runoff in the lower Connecticut River Basin. Hydrologic processes 32: 1301-1312.

Wang, W., Lu, H., Leung, L. R., Li, H.-Y., Zhao, J., Tian, F., Yang, K., & Sothea, K. (2017). Dam construction in Lancang-Mekong River Basin could mitigate future flood risk from warming-induced intensified rainfall. Geophysical Research Letters, 44, 10,378–10,386. https://doi.org/10.1002/2017GL075037.

Westerberg, I. K., Sikorska-Senoner, A. E., Viviroli, D., Vis, M., & Seibert, J. (2022). Hydrological model calibration with uncertain discharge data.

Hydrological Sciences Journal, 67(16), 2441-2456.

Widyaningsih, H. W. T. (2021). Manajemen Kolaboratif Dalam Penanggulangan Bencana Daerah Di Kabupaten Banjarnegara. Public Policy and Management Inquiry, 4(2), 116-133.

Wijngaard, R. R., Helfricht, K., Schneeberger, K., Huttenlau, M., Schneider, K., & Bierkens, M. F. (2016). Hydrological response of the Ötztal glacierized catchments to climate change. Hydrology Research, 47(5), 979-995.

Yamin, M. (2021). Analisis Debit Rancangan Sungai Mencongah. SainsTech Innovation Journal, 4(1), 105-114.

Yıldırım, Ü.; Güler, C., Önol, B., Rode, M., Jomaa, S. (2021). Modelling of the Discharge Response to Climate Change under RCP8.5 Skenario in the Alata River Basin (Mersin, SE Turkey). Water, 13(483). https://doi.org/10.3390/w13040483.

Yunianta, A., Suripin, & Setiadji, B. A. (2022). Sistem Drainase Jalan Raya yang Berkelanjutan. Makassar: CV. Tohar Media.

Zhang, P., Sun, W., Xiao, P., Yao, W., & Liu, G. (2022). Driving factors of heavy rainfall causing flash floods in the middle reaches of the Yellow River: A case study in the Wuding River Basin, China. Sustainability, 14(13), 8004.