

DAFTAR PUSTAKA

- Abbaspour, K. C., Rouholahnejad, E., Vaghefi, S., Srinivasan, R., Yang, H., & Kløve, B. (2015). A continental-scale hydrology and water quality model for Europe: Calibration and uncertainty of a high-resolution large-scale SWAT model. *Journal of Hydrology*, 524, 733–752.
<https://doi.org/10.1016/j.jhydrol.2015.03.027>
- Adi, R. N., & Savitri, E. (2017). Daya Dukung DAS Brantas Berdasarkan Evaluasi Kriteria Tata Air. *Prosiding Seminar Nasional Geografi UMS VIII 2017*.
- Adu, J. T., & Kumarasamy, M. V. (2018). Assessing non-point source pollution models: A review. *Polish Journal of Environmental Studies*, Vol. 27, pp. 1913–1922. <https://doi.org/10.15244/pjoes/76497>
- Arnold, J G, Kiniry, J. R., Srinivasan, R., Williams, J. R., Haney, E. B., & Neitsch, S. L. (2012). *Soil and Water Assessment Tool (SWAT) User's Manual, Version 2012*. https://doi.org/10.1007/978-0-387-35973-1_1231
- Arnold, Jeffrey G., Moriasi, D. N., Gassman, P. W., Abbaspour, K. C., White, M., Srinivasan, R., ... Jha, M. K. (2012). SWAT: Model use, calibration, and validation. *Biological Systems Engineering: Papers and Publications*. Retrieved from <https://digitalcommons.unl.edu/biosysengfacpub/406>
- Arsyad, S. (2010). *Konservasi Tanah dan Air*. Bogor: IPB.
- Asdak, C. (2014). *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press.
- Atika, R. (2015). Aplikasi Penginderaan Jauh dan Sistem Informasi Geografis untuk Estimasi Debit Puncak Kaitannya dengan Banjir di DAS Bogowonto. *Skripsi*. Retrieved from Fakultas Geografi Universitas Gadjah Mada
- Briak, H., Moussadek, R., Aboumaria, K., & Mrabet, R. (2016). Assessing sediment

- yield in Kalaya gauged watershed (Northern Morocco) using GIS and SWAT model. *International Soil and Water Conservation Research*, 4(3), 177–185.
<https://doi.org/10.1016/j.iswcr.2016.08.002>
- Christanto, N., Setiawan, M. A., Nurkholis, A., Istiqomah, S., Sartohadi, J., & Hadi, M. P. (2018). Analisis Laju Sedimen DAS Serayu Hulu dengan Menggunakan Model SWAT. *Majalah Geografi Indonesia*, 32(1), 50–58.
<https://doi.org/10.22146/mgi.32280>
- dos R. Pereira, D., Martinez, M. A., Pruski, F. F., & da Silva, D. D. (2016). Hydrological simulation in a basin of typical tropical climate and soil using the SWAT model part I: Calibration and validation tests. *Journal of Hydrology: Regional Studies*, 7, 14–37. <https://doi.org/10.1016/J.EJRH.2016.05.002>
- Frankenberger, J. R., & Daneshvar, F. (2019, July). *Soil and Water Assessment Tool (SWAT) Instructional Videos*. <https://doi.org/doi:10.4231/08KP-6A11>
- Galván, L., Olías, M., Izquierdo, T., Cerón, J. C., & Fernández de Villarán, R. (2014). Rainfall estimation in SWAT: An alternative method to simulate orographic precipitation. *Journal of Hydrology*, 509, 257–265.
<https://doi.org/10.1016/j.jhydrol.2013.11.044>
- Gassman, P. W., Reyes, M. R., Green, C. H., & Arnold, J. G. (2007). *SWAT: Hystorical development, applications, and future research directions*. 50(4), 1211–1250.
- Hasnawir, Setiawan, H., & Isnain, W. (2015). Monitoring dan Evaluasi Sub Daerah Aliran Sungai Kawatuna di Sulawesi Tengah. *Info Teknis EBONI*, 12, 131–140.
- Krecek, J., Haigh, M. J., Hofer, T., & Kubin, E. (2012). Management of mountain watersheds. In *Management of Mountain Watersheds*.
<https://doi.org/10.1007/978-94-007-2476-1>
- Legates, D. R., & 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. <https://doi.org/10.1029/1998WR900018>
- Luo, Y., Su, B., Yuan, J., Li, H., & Zhang, Q. (2011). GIS techniques for watershed delineation of SWAT model in plain polders. *Procedia Environmental Sciences*, 10(PART C), 2050–2057. <https://doi.org/10.1016/j.proenv.2011.09.321>
- Maulana, D. (2016). Kajian Banjir DAS Bogowonto Di Kabupaten Purworejo. *Thesis*. Retrieved from Sekolah Pascasarjana Universitas Gadjah Mada
- Merritt, W. S., Letcher, R. A., & Jakeman, A. J. (2003). A review of erosion and sediment transport models. *Environmental Modelling and Software*, 18(8–9), 761–799. [https://doi.org/10.1016/S1364-8152\(03\)00078-1](https://doi.org/10.1016/S1364-8152(03)00078-1)
- 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*. Retrieved from <http://agris.fao.org/agris-search/search.do?recordID=US201300848936>
- Neitsch, S. L., Arnold, J. G., Kiniry, J. R., & Williams, J. R. (2011). *Soil and Water Assessment Tool Theoretical Documentation Version 2009*. Retrieved from <http://oaktrust.library.tamu.edu/handle/1969.1/128050>
- Paimin, Pramono, I. B., Purwanto, & Indrawati, D. R. (2012). *Sistem Perencanaan Pengelolaan Daerah Aliran Sungai*. Bogor: Pusat Penelitian dan Pengembangan Konservasi dan Rehabilitasi.
- Pickering, C. (2014). *Stormwater Management Design Guidelines*.
- Sartohadi, J., Suratman, Jamulya, & Dewi, N. I. S. (2014). *Pengantar Geografi Tanah*. Yogyakarta: Pustaka Pelajar.
- Setyorini, A., Khare, D., & Pingale, S. M. (2017). Simulating the impact of land use/land cover change and climate variability on watershed hydrology in the Upper Brantas basin, Indonesia. *Applied Geomatics*, 9(3), 191–204.

<https://doi.org/10.1007/s12518-017-0193-z>

Soewarno. (1991). *Hidrologi Pengukuran dan Pengolahan Data Aliran Sungai (Hidrometri)*. Bandung: Nova.

Suprayogi, S., Purnama, I. L. S., & Darmanto, D. (2014). *Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press.

Wu, M., Shi, P., Chen, A., Shen, C., & Wang, P. (2017). Impacts of DEM resolution and area threshold value uncertainty on the drainage network derived using SWAT. *Water SA*, 43(3), 450–462. <https://doi.org/10.4314/wsa.v43i3.10>

Zhang, J., Lei, X., & Li, Q. (2018). Two Model Performance Comparisons with Multisite Observations Based on Uncertainty Methods for Modeling Hydrologic Dynamics. *Journal of Irrigation and Drainage Engineering*, 144(1), 04017060. [https://doi.org/10.1061/\(asce\)ir.1943-4774.0001284](https://doi.org/10.1061/(asce)ir.1943-4774.0001284)

Zhang, L., Nan, Z., Xu, Y., & Li, S. (2016). Hydrological Impacts of Land Use Change and Climate Variability in the Headwater Region of the Heihe River Basin, Northwest China. *PLOS ONE*, 11(6), e0158394. <https://doi.org/10.1371/journal.pone.0158394>

Peraturan Pemerintah Nomor 37 Tahun 2012 Tentang Pengelolaan Daerah Aliran Sungai

Peraturan Menteri Kehutanan Nomor P.61/Menhut-II/2014 tentang Monitoring dan Evaluasi Pengelolaan Daerah Aliran Sungai