

## DAFTAR PUSTAKA

- Anaba, L. A., Banadda, N., Kiggundu, N., Wanyama, J., Engel, B., & Moriasi, D. (2017). Application of SWAT to Assess the Effects of Land Use Change in the Murchison Bay Catchment in Uganda. *Computational Water, Energy, and Environmental Engineering*, *06*(01), 24–40. <https://doi.org/10.4236/cweee.2017.61003>
- Arnold, J. G., Kiniry, J. R., Srinivasan, R., Williams, J. R., Haney, E. B., & Neitsch, S. L. (2012). *Soil & Water Assessment Tool*.
- Badaruddin, Kadir, S., Khalid, S., & Ridwan, I. (2021). Kajian Erosi pada Berbagai Unit Lahan di DAS Kintap. *Prosiding Seminar Nasional Lingkungan Lahan Basah*, *6*(1), 1–5.
- Belay, T., & Mengistu, D. A. (2021). Impacts of land use/land cover and climate changes on soil erosion in Muga watershed, Upper Blue Nile basin (Abay), Ethiopia. *Ecological Processes*, *10*(1), 68.
- Bewket, W., & Abebe, S. (2013). Land-use and land-cover change and its environmental implications in a tropical highland watershed, Ethiopia. *International Journal of Environmental Studies*, *70*(1), 126–139.
- BP Daerah Aliran Sungai dan Perhutanan Sosial. (2013). Pedoman Identifikasi Karakteristik Daerah Aliran Sungai. In *Kementerian Lingkungan Hidup dan Kehutanan (LHK). Republik Indonesia*.
- Buton, R., Soplanit, R., & Jacob, A. (2018). Perubahan Penggunaan Lahan Dan Dampaknya Terhadap Erosi Di Daerah Aliran Sungai Wae Lela Kota Ambon. *Agrologia*, *5*(1). <https://doi.org/10.30598/a.v5i1.196>
- Chalise, D., & Kumar, L. (2020). Land use change affects water erosion in the Nepal Himalayas. *PLoS ONE*, *15*(4). <https://doi.org/10.1371/journal.pone.0231692>
- Chen, J., Li, Z., Xiao, H., Ning, K., & Tang, C. (2021). Effects of land use and land cover on soil erosion control in southern China: Implications from a systematic quantitative review. *Journal of Environmental Management*, *282*.
- Ditjen Bina Pengelolaan DAS & Perhutanan Sosial. (2014). Modul Tutorial SWAT: Soil & Water Assessment Tool. *Jakarta. Kementerian Kehutanan Republik Indonesia*.
- Fadhil, M. F., & Oktaviani, N. S. (2019). Pemetaan Wilayah Rawan Banjir Menggunakan Metode Spatial Multi- Criteria Evaluation ( SMCE ) di Sub DAS Minraleng, Kabupaten Maros. *Seminar Nasional Penginderaan Jauh Ke-6*, 219–229.
- Firdaus, G., Haridjaja, O., Tarigan, D., Ilmu, D., Lahan, S., Pertanian, F., Meranti, J., & Ipb, K. (2014). Analisis Respon Hidrologi Terhadap Penerapan Teknik Konservasi Tanah di Sub Das Lengkong Menggunakan Model SWAT. *Tanah Lingkungan*, *16*(April), 16–23.
- Hariati, F., Taqwa, F. M. L., Alimuddin, A., Salman, N., & Sulaeman, N. H. F. (2022). Simulasi perubahan tata guna lahan terhadap laju erosi lahan menggunakan metode universal soil loss equation (usle) pada daerah aliran sungai (das) ciseel. *Tameh*, *11*(1), 52–61.
- Hassen, E. E., & Assen, M. (2017). *Land use/cover dynamics and its drivers in Gelda catchment, Lake Tana watershed*. *Environmental Systems Research*.
- Isma, F., Purwandito, M., & Ardhyana, Z. (2019). Estimasi Erosi Dan Sedimentasi Lahan Pada Das Langsa Berbasis Sistem Informasi Geografis (Sig). *Teras Jurnal: Jurnal Teknik Sipil*, *9*(1), 29. <https://doi.org/10.29103/tj.v9i1.169>
- Jemal, K., Gadisa, M., & Tesfaye, G. (2023). Effect of Land Use and Land Cover Change on Soil Erosion in Alaba Sub-Watersheds of Central Rift Valley Basin, Ethiopia. *Proceedings of Completed Research Activities by the Soil and Water Management Research Directorate*, *2*, 376–398.
- Kidane, M., Bezie, A., Kesete, N., & Tolessa, T. (2019). The impact of land use and land cover (LULC) dynamics on soil erosion and sediment yield in Ethiopia. *Heliyon*,

- 5(12).
- Kiros, G., Shetty, A., & Nandagiri, L. (2015). Performance Evaluation of SWAT Model for Land Use and Land Cover Changes under different Climatic Conditions: A Review. *Journal of Waste Water Treatment & Analysis*, 6(3). <https://doi.org/10.4172/2157-7587.1000216>
- Kristofery, L., Murtiaksono, K., & Baskoro, D. P. T. (2019). Simulasi Perubahan Penggunaan Lahan Terhadap Karakteristik Hidrologi Daerah Aliran Sungai Ciliman. *Jurnal Ilmu Tanah Dan Lingkungan*, 21(2), 66–71. <https://doi.org/10.29244/jitl.21.2.66-71>
- Li, L., Wang, Y., & Liu, C. (2014). Effects of land use changes on soil erosion in a fast developing area. *International Journal of Environmental Science and Technology*, 11(6), 1549–1562.
- Lillesand, T. M., Kiefer, R. W., Dulbahri, Suharsono, P., Hartono, Suharyadi, & Sutanto. (1993). *Penginderaan jauh dan interpretasi citra*. Gadjah Mada University.
- Olofsson, P., Foody, G. M., Herold, M., Stehman, S. V., Woodcock, C. E., & Wulder, M. A. (2014). Good practices for estimating area and assessing accuracy of land change. *Remote Sensing of Environment*, 148, 42–57.
- Permatasari, R., Arwin, & Natakusumah, D. K. (2017). Pengaruh Perubahan Penggunaan Lahan terhadap Rezim Hidrologi DAS (Studi Kasus: DAS Komerang). *Jurnal Teknik Sipil*, 24(1), 91–98. <https://doi.org/10.5614/jts.2017.24.1.11>
- Rahmad, R., Nurman, A., & Wirda, M. A. (2017). Integrasi Model SWAT dan SIG dalam Upaya Menekan Laju Erosi DAS Deli, Sumatera Utara. *Majalah Geografi Indonesia*, 31(1), 46–55.
- Rijal, S. (2016). Manajemen Hutan Tropika. *Journal of Tropical Forest Management*, 22 No, 1(2087.0469), 25.
- Rombang, J., Kalangi, J., & Rantung, M. (2022). The Use of SWAT Model to predict Erosion and Sediment in the catchment area of Lake Tondano. *Jurnal Ilmiah Sains*, 22(2), 144–150. <https://doi.org/10.35799/jis.v22i2.43814>
- Salim, J. I., Mohamad Ali, H. S., Haji, G. Y., & Mohamad, V. M. (2025). Application of Rusle Model to Mapping the Soil Erosion Risk in Gebel Watershed. *Iraqi National Journal of Earth Science*, 25(1), 123–136. <https://doi.org/10.33899/earth.2024.143444.1146>
- Sujarwo, M. W., Indarto, I., & Mandala, M. (2020). Pemodelan Erosi dan Sedimentasi di DAS Bajulmati : Aplikasi Soil dan Water Assesment Tool (SWAT). *Jurnal Ilmu Lingkungan*, 18(2), 218–227. <https://doi.org/10.14710/jil.18.2.218-227>
- Tadesse, L., Suryabhagavan, K. V., Sridhar, G., & Legesse, G. (2017). Land use and land cover changes and Soil erosion in Yezat Watershed, North Western Ethiopia. *International Soil and Water Conservation Research*, 5(2), 85–94.
- Wahyuni, Soma, A. S., Arsyad, U., Sariyani, R., & Mappangaja, B. (2021). Prediction of erosion and sedimentation rates using SWAT (Soil and Water Assessment Tool) method in the Jenelata Sub Watershed. *IOP Conference Series: Earth and Environmental Science*, 886(1). <https://doi.org/10.1088/1755-1315/886/1/012097>
- Williams, J. R. (1975). Sediment-yield prediction with universal equation using runoff energy factor. *Present and Prospective Technology for Predicting Sediment Yield and Sources*, 244–252.
- Yazie, T., Mekonnen, M., & Derebe, A. (2021). Gully erosion and its impacts on soil loss and crop yield in three decades, northwest Ethiopia. *Modeling Earth Systems and Environment*, 7(4), 2491–2500.
- Yusuf, S. M., Murtiaksono, K., & Laraswati, D. M. (2020). Spatial mapping of soil erosion prediction through integration USLE model into Geography Information System.

*Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan*, 10(4), 594–606.  
<https://doi.org/10.29244/jpsl.10.4.594-606>

Zhang, S., Liu, Y., & Wang, T. (2014). How land use change contributes to reducing soil erosion in the Jialing River Basin, China. *Agricultural Water Management*, 133, 65–73.