



DAFTAR PUSTAKA

- Ahmad, S., dan Hamelmal, H. 2016. Geoderma Regional Estimation of Soil Erosion Using USLE and GIS in Awassa Catchment , Rift. *GEODRS* 7 (2): 159–66. <https://doi.org/10.1016/j.geodrs.2016.03.005>.
- Aleweli, Christine, Pasquale, B., Katrin, M., dan Panos, P. 2019. Using the USLE: Chances, challenges and limitations of soil erosion modelling, *International Soil and Water Conservation Research*, 7(3), pp. 203–225. doi: 10.1016/j.iswcr.2019.05.004.
- Amsalu, T., dan Mengaw, A. 2014. GIS Based Soil Loss Estimation Using RUSLE Model: The Case of Jabi Tehinan Woreda, ANRS, Ethiopia, *Natural Resources*, 05(11), pp. 616–626. doi: 10.4236/nr.2014.511054.
- Andriawati, I. D., Rispiningtati, Juwono, P.T. 2015. Efektivitas Kegiatan Pengerukan Sedimen Waduk Wonogiri Ditinjau Dari Nilai Ekonomi, *Jurnal Teknik Pengairan*, 6(1), pp 55-65.
- Arini, S., Yulaikhah, Y., and Cahyono, B. K. 2019. Calculation Of Sedimentation Rate at Sempor Reservoirs in 2018 Using Modified Universal Soil Loss Equation Method (MUSLE), *JGISE: Journal of Geospatial Information Science and Engineering*, 2(2), pp. 212–219. doi: 10.22146/jgise.51156.
- Arsyad, S. 2006. *Konservasi Tanah dan Air*. IPB Press. Bogor.
- Asdak, C. 1995. *Hidrologi Pengolahan Daerah Aliran Sungai*.Gajah Mada University Press. Yogyakarta.
- Asdak, C. 2007. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gajah Mada University Press.
- Asdak, C. 2010. *Hidrologi Dan Pengelolaan Daerah Aliran Air Sungai*: Edisi Revisi Kelima. Gadjah Mada University Press. Yogyakarta.
- Ashiagbor, George, Eric, K. F., Prosper, L., dan Raymond, A. 2013. Modeling Soil Erosion Using Rusle and Rusle Parameter Estimation for, 2(4).
- Cadaret, Erik, M., Kenneth, C., McGwire, Sayjro, K., Nouwakpo, Mark, A., Weltz, dan Laurel, S. 2016. Vegetation canopy cover effects on sediment erosion processes in the Upper Colorado River Basin Mancos Shale formation, Price, Utah, USA, *Catena*, 147, pp. 334–344. doi: 10.1016/j.catena.2016.06.043.
- Chatterjee, A., Soumik, C., Barbara, S., James, E. C., dan Parthiba, B. 2020. Agriculture, Ecosystems and Environment Predicted Thresholds for Natural Vegetation Cover to Safeguard Pollinator Services in Agricultural Landscapes. *Agriculture, Ecosystems and Environment* 290 (September 2018): 106785. <https://doi.org/10.1016/j.agee.2019.106785>.
- Dong, Y. F., Wu, Y. Q., Zhang, T. Y., Yang, W., Liu, B. Y. 2013. The sediment delivery ratio in a small catchment in the black soil region of Northeast China, *International Journal of Sediment Research*, 28(1), pp. 111–117. doi: 10.1016/S1001-6279(13)60023-2.
- Duchemin, M. and Hogue, R. 2009. Reduction in agricultural non-point source pollution in the first year following establishment of an integrated grass/tree filter strip system in southern Quebec (Canada), *Agriculture, Ecosystems and Environment*, 131(1–2), pp. 85–97. doi:



10.1016/j.agee.2008.10.005.

- Dumas, P. and Printemps, J. 2010. Assessment of Soil Erosion Using USLE Model and GIS for Integrated Watershed and Coastal Zone Management in the South Pacific Islands, *Proceedings Interpraevent, International Symposium in Pacific Rim*, pp. 856–866. Available at: http://cnepl.univnc.nc/IMG/pdf/Article_Interpraevent_Assessment_of_Soil_Erosion_Using_USLE_Model_Dumas_Pascal_2010.pdf.
- Hall, R. M., Nicole, P., Monika, K., Sophie, K., Vincent, J., Simon, C., Muriel, G. 2020. Vegetation Management Intensity And Landscape Diversity Alter Plant Species Richness, Functional Traits And Community Composition Across European Vineyards, *Agricultural Systems*, 177(July 2019), p. 102706. doi: 10.1016/j.aggsy.2019.102706.
- Hapsari, D., Ohnishi, T. dan Senge, M. 2021. Sediment Characteristics Of Two Coniferous And Broadleaf Forests In Kuraiyama , Japan. 20(82), pp. 77–85.
- Harjianto, M. 2015. Erosion Prediction and Soil Conservation Planning in Lawo Watershed Indonesia. 5(6), pp. 40–51.
- Hou, J., Huiqing, W., Bojie, F., Linhai, Z., Yafeng, W., dan Zongshang, L. 2016. Catena Effects of plant diversity on soil erosion for different vegetation patterns. *Catena*, 147, pp. 632–637. doi: 10.1016/j.catena.2016.08.019.
- Jayasekara, M. J. P. T. M., Kadupitiya, H. K. and Vitharana, U. W. A. 2018. Mapping of soil erosion hazard zones of Sri Lanka. *Tropical Agricultural Research*, 29(2), p. 135. doi: 10.4038/tar.v29i2.8284.
- Kartikawati, T. D., Andawayanti, U., Limantara, L. M. 2013. Analisis Perubahan Bilangan Kurva Aliran Permukaan (Runoff Curve Number) Terhadap Debit Limpasan Pada DAS Brantas Hulu. *Jurnal Teknik Pengairan Universitas Brawijaya* . Malang.
- Karaburun, A. 2010. Estimation of C factor for soil erosion modeling using NDVI in Buyukcekmece watershed. *Ozean Journal of Applied Sciences*, 3(1), pp. 77–85. Available at: http://ozelacademy.com/OJAS_v3n1_8.pdf.
- Karyati. 2016. Penaksiran Indeks Erosivitas Hujan di Kuching, Sarawak. *Jurnal Gerbang Etam*, 10(2), pp. 38–45.
- Kefi, M., Kunihiko, Y., Yudi, S., dan Zayani, K. 2010. Assessment of the effects of vegetation on soil erosion risk by water : A case of study of the Batta watershed in Tunisia Assessment of the effects of vegetation on soil erosion risk by water : a case of study of the Batta watershed in Tunisia. (October). doi: 10.1007/s12665-010-0891-x.
- Khademalrasoul, A., dan Amerikhah, H. 2021. Assessment of soil erosion patterns using RUSLE model and GIS tools (case study: the border of Khuzestan and Chaharmahal Province, Iran). *Modeling Earth Systems and Environment*, 7(2), pp. 885–895. doi: 10.1007/s40808-020-00931-6.
- Leknoi, U., dan Likitlersuang, S. 2020. Good practice and lesson learned in promoting vetiver as solution for slope stabilisation and erosion control in Thailand, *Land Use Policy*, 99(August), p. 105008. doi: 10.1016/j.landusepol.2020.105008.
- Liu, Y., Wenwu, Z., Yanxu, L., dan Paulo, P. 2020. Catena Global Rainfall



Erosivity Changes between 1980 and 2017 Based on an Erosivity Model Using Daily Precipitation Data. *Catena* 194 (June): 104768. <https://doi.org/10.1016/j.catena.2020.104768>.

- Lu, H., Moran, C. J. dan Prosser, I. P. 2006. Modelling sediment delivery ratio over the Murray Darling Basin, Environmental Modelling and Software, 21(9), pp. 1297–1308. doi: 10.1016/j.envsoft.2005.04.021.
- Luo, J., Xiaoling, Z., Matteo, R., Guijing, L., dan Yuxin, T. 2020. Impact of multiple vegetation covers on surface runoff and sediment yield in the small basin of nverzhai, hunan province, China. *Forests*, 11(3). doi: 10.3390/f11030329.
- Maini, M., dan Mashuri. 2020. The Study of Sedimentation at Jongkong Reservoir in District Central of Bangka through Erosion of Catchment Area. *IOP Conference Series: Earth and Environmental Science*, 537(1). doi: 10.1088/1755-1315/537/1/012003.
- Marhendi, T. 2014. Teknologi Pengendalian Erosi Lahan. *Techno*, 15(1), pp. 50–64.
- Mawardi, M. 2012. *Rekayasa Konservasi Tanah dan Air*. Bursa Ilmu. Yogyakarta
- Modeste, Meliho, Khattabi, A., Mhammdi, N., Hongming, Z., Université Mohamed V, dan Institut Scientifique Rabat. 2016. Open access impact of land use and vegetation cover on risks of erosion in the Ourika watershed (Morocco). *American Journal of Engineering Research (AJER)*, 5(9), pp. 75–82. Available at: www.ajer.org.
- Pereyra, María, A., Diego, S. F., Enzo, R. M., dan María, E. P. 2020. Catena Agricultural Land Degradation by Piping Erosion in Chaco Plain, Northwestern Argentina. *Catena* 185 (September 2019): 104295. <https://doi.org/10.1016/j.catena.2019.104295>.
- Pimentel, D. 2006. Soil erosion: A food and environmental threat. *Environment, Development and Sustainability*, 8(1), pp. 119–137. doi: 10.1007/s10668-005-1262-8.
- Prasannakumar, V., Vijith, H., Abinod, S., dan Geetha, N. 2012. Estimation of soil erosion risk within a small mountainous sub-watershed in Kerala, India, using Revised Universal Soil Loss Equation (RUSLE) and geo-information technology. *Geoscience Frontiers*, 3(2), pp. 209–215. doi: 10.1016/j.gsf.2011.11.003.
- Sadeghi, S. H., Hazbavi, Z., dan Harchegani, M. K. 2016. Controllability of runoff and soil loss from small plots treated by vinasse-produced biochar. *Science of the Total Environment*, 541, pp. 483–490. doi: 10.1016/j.scitotenv.2015.09.068.
- Saifudin, I. dan Suripin. 2017. Kajian Respon Perubahan Penggunaan Lahan Terhadap Karakteristik Hidrologi Das Garang, *eprints Undip*, pp. 21–45. Available at: <http://eprints.undip.ac.id/55640/>.
- Setyawan, C., Susanto, S., Jatiningsyias. 2012. GIS Application For Sediment Control At Catchment Area Of Sempor Reservoir, Central Java Province, Indonesia.
- Setyawan, C., Yu, C., dan Miky, L. 2019. Investigating spatial contribution of land use types and land slope classes on soil erosion distribution under tropical



- environment. *Natural Hazards*, 98(2), pp. 697–718. doi: 10.1007/s11069-019-03725-x.
- Spalevic, V., Djurovic, N., Mijovic, S., Vukelic-Sutusoko, M., dan Curovic, M. 2013. Soil erosion intensity and runoff on the Djuricka river basin (North of Montenegro). *Malaysian Journal of Soil Science*, 17(1), pp. 49–68.
- Sutedjo, M. M. dan Kartasaputra, A. G. 2010. *Pengantar Ilmu Tanah*. Asdi Mahasatya, Jakarta.
- Talchabhadel, Rocky., Hajime, N., Kenji, K., dan Rajaram, P. 2020. Evaluating the rainfall erosivity (R-factor) from daily rainfall data: an application for assessing climate change impact on soil loss in Westrapti River basin, Nepal. *Modeling Earth Systems and Environment*, 6(3), pp. 1741–1762. doi: 10.1007/s40808-020-00787-w.
- Vargo, J., Stone, B., Habeeb, D., Liu, P., dan Russell, A. 2016. The social and spatial distribution of temperature-related health impacts from urban heat island reduction policies. *Environmental Science and Policy*, 66, pp. 366–374. doi: 10.1016/j.envsci.2016.08.012.
- Wahyudi, D. 2014. Teknik Konservasi Tanah serta Implementasinya pada Lahan Terdegradasi dalam Kawasan Hutan. *Jurnal Sains &Teknologi Lingkungan*, 6(2), pp. 71–85. doi: 10.20885/jstl.vol6.iss2.art1.
- Zaimes, G., Kayiaoglu, K., dan Kozanidis, A. 2017. Land-use/vegetation cover and soil erosion impacts on soil properties of hilly slopes in Drama Prefecture of Northern Greece. *Kastamonu Üniversitesi Orman Fakültesi Dergisi*, 17(3), pp. 427–433. doi: 10.17475/kastorman.300074.
- Zhou, P., Luukkanen, O., Tokola, T., Nieminen, J. 2008. Effect of vegetation cover on soil erosion in a mountainous watershed. *Catena*, 75(3), pp. 319–325. doi: 10.1016/j.catena.2008.07.010.