DAFTAR PUSTAKA

Aboelnour, M., Gitau, M. W., & Engel, B. A. (2019). Hydrologic response in an urban watershed as affected by climate and land-use change. *Water (Switzerland)*, *11*(8). https://doi.org/10.3390/w11081603

Achmad, M., Samsuar, S., & Mubarak, H. (2020). Predicting the impact of land-use change on soil erosion rate in Ussu sub-catchment area and sedimentation yield in Malili River. *IOP Conference Series: Earth and Environmental Science*, *486*(1). https://doi.org/10.1088/1755-1315/486/1/012061

Anggari, E. A., Herawan, A., Hakim, P. R., Wahyudiono, A., Salaswati, S., Rachim, E., & Zyslhal, Z. (2023). Assessing the Accuracy of Land Use Classification Using Multi-spectral Camera From LAPAN-A3, Landsat-8 and Sentinel-2 Satellite: A Case Study in Probolinggo-East Java. *International Journal on Advanced Science, Engineering and Information Technology*, *13*(5). https://doi.org/10.18517/ijaseit.13.5.18570

Balayar, S., Ghimire, M., & Paudel, B. (2024). Forest Encroachment and Agriculture Land Abandonment in the Context of Land Cover Change in Kailali. *Himalayan Review*, 44–58. https://doi.org/10.3126/hr.v45i1.68168

Barkey, R. A., Soma, A. S., Nursaputra, M., & Mappeasse, M. F. (2019). Modeling of Climate Change Impact on Water Availability in Metropolitan Mamminasata, Indonesia. *IOP Conference Series: Earth and Environmental Science*, *280*(1). https://doi.org/10.1088/1755-1315/280/1/012011

Basyar, C., Budihardjo, M. A., & Samadikun, B. P. (2021). Land Use Changes Impact Analysis to Surface Runoff in Kalibenda Village. *Jurnal Presipitasi : Media Komunikasi dan Pengembangan Teknik Lingkungan*, *18*(3). https://doi.org/10.14710/presipitasi.v18i3.546-555

Cea, L., & Costabile, P. (2022). Flood Risk in Urban Areas: Modelling, Management and Adaptation to Climate Change: A Review. *Hydrology*, *9*(3). https://doi.org/10.3390/hydrology9030050

Chaemiso, S. E., Kartha, S. A., & Pingale, S. M. (2021). Effect of land use/land cover changes on surface water availability in the Omo-Gibe basin, Ethiopia. *Hydrological Sciences Journal*, *66*(13). https://doi.org/10.1080/02626667.2021.1963442

Chairil, A., Rijal, S., Nursaputra, M., & Mappiase, M. F. (2021). Impact of land use change on hydrological conditions in the Karajae watershed, South Sulawesi Province. *IOP Conference Series: Earth and Environmental Science*, *886*(1). https://doi.org/10.1088/1755-1315/886/1/012079

Chen, X., Shen, R., Pan, B., Peng, Q., Zhang, X., Fu, Y., & Yuan, W. (2024). A High-Resolution Distribution Dataset of Paddy Rice in India Based on Satellite Data. *Remote Sensing*, *16*(17). https://doi.org/10.3390/rs16173180

Das, P. C., & Esraz-Ul-Zannat, M. (2022). Assessing the impacts of land use-land cover changes on direct surface runoff: a remote sensing approach in Khulna City. *Water Science and Technology*, *85*(10). https://doi.org/10.2166/wst.2022.097

Dutra, D. J., Elmiro, M. A. T., & Ribeiro, S. M. C. (2022). Association between forest resources and water availability: temporal analysis of the Serra Azul stream sub-basin. *Anais da Academia Brasileira de Ciencias*, *94*(3). https://doi.org/10.1590/0001-3765202220201289

Dzulfiqar, M. F., & Sapei, A. (2023). Performance of the Modified Soil and Water Assessment Tool (SWAT) Program in Estimating Discharge in the Upper Cimanuk Sub-Watershed. *Jurnal Teknik Sipil dan Lingkungan*, *8*(03), 157–166. https://doi.org/10.29244/jsil.8.03.157-166

Endarwin, E., Kasih, B. T. H., & Gunawan, D. (2013). Determination of Threshold Values for the Variability Index (VI) and Optimal Rainfall Intensity for Estimating Rainfall in Indonesia Using a Modified Convective Stratiform Technique (CSTm). *Jurnal Meteorologi dan Geofisika*, *14*(1). https://doi.org/10.31172/jmg.v14i1.141

Erraioui, L., Taia, S., Taj-Eddine, K., Chao, J., & El Mansouri, B. (2023). Hydrological Modelling in the Ouergha Watershed by Soil and Water Analysis Tool. *Journal of Ecological Engineering*, *24*(4). https://doi.org/10.12911/22998993/161043

Fayaz, M., Nam, J., Dang, L. M., Song, H. K., & Moon, H. (2024). Land-Cover Classification Using Deep Learning with High-Resolution Remote-Sensing Imagery. *Applied Sciences (Switzerland)*, *14*(5). https://doi.org/10.3390/app14051844

Femeena, P. V., Karki, R., Cibin, R., & Sudheer, K. P. (2022). Reconceptualizing HRU Threshold Definition in the Soil and Water Assessment Tool. *Journal of the American Water Resources Association*, *58*(4). https://doi.org/10.1111/1752-1688.13000

Islam, K., Daraio, J., Sabau, G., Cheema, M., & Galagedara, L. (2024). Insights to the water balance of a Boreal watershed using a SWAT model. *Environmental Research Communications*, *6*(5). https://doi.org/10.1088/2515-7620/ad495c

Kanmani, K., Padmanabhan, V., & Pari, P. (2023). Accuracy Assessment of different classifiers for Sustainable Development in Landuse and Landcover mapping using Sentinel SAR and Landsat-8 data. *EAI Endorsed Transactions on Energy Web*, *10*. https://doi.org/10.4108/ew.4141

Kennedy, J., Hurtt, G. C., Liang, X. Z., Chini, L., & Ma, L. (2023). Changing cropland in changing climates: quantifying two decades of global cropland changes. *Environmental Research Letters*, *18*(6). https://doi.org/10.1088/1748-9326/acca97

Kumari, S., Singh, V., Suryavanshi, S., & Kumar, M. (2024). Application of SWAT Model for Hydrological Simulation of Rapti River Basin. *Journal of Experimental Agriculture International*, *46*(6), 140–153. https://doi.org/10.9734/jeai/2024/v46i62466

Kuok, K. K., Chiu, P. C., Rahman, M. R., Said, K. A. bin M., & Chin, M. Y. (2023). Evaluation of total infiltration and storage capacities for different soil types in Sarawak using SWMM. *Discover Water*, *3*(1). https://doi.org/10.1007/s43832-023-00042-0

Lakhdar, A., Planning, T., Haouari, S., Planning, T., Ferhad, T., Planning, T., Metrani, M., Planning, T., & Baadeche, M. (2024). Study of spatio-temporal evolution of land use using remote sensing tools ; case study the City of Ali Mendjeli Constantine Estudo da evolução espaço-temporal do uso do solo usando ferramentas de sensoriamento remoto ; estudo de caso da cidade de Ali Mend. *Studies in Engineering and Exact Sciences*, *5*, 1–19. https://doi.org/10.54021/seesv5n3-113

Li, C., Wang, Z., Lu, Y., & Song, M. (2021). Regional water cycle response to land use/cover change for a typical agricultural area, North China Plain. *Hydrology Research*, *52*(4). https://doi.org/10.2166/nh.2021.119

Liu, Z., Rong, L., & Wei, W. (2023). Impacts of land use/cover change on water balance by using the SWAT model in a typical loess hilly watershed of China. *Geography and Sustainability*, *4*(1). https://doi.org/10.1016/j.geosus.2022.11.006

Mandy, D. A., Barkey, R. A., Arsyad, U., & Nursaputra, M. (2020). Comparison of water availability in 2015 and 2022 based on land cover in the Maros River Basin. *IOP Conference Series: Earth and Environmental Science*, *575*(1). https://doi.org/10.1088/1755-1315/575/1/012133

Marín Del Valle, T., & Jiang, P. (2022). Comparison of common classification strategies for large-scale vegetation mapping over the Google Earth Engine platform. *International Journal of Applied Earth Observation and Geoinformation*, *115*. https://doi.org/10.1016/j.jag.2022.103092

Mekonnen, Y. A., & Manderso, T. M. (2023). Land use/land cover change impact on streamflow using Arc-SWAT model, in case of Fetam watershed, Abbay Basin, Ethiopia. *Applied Water Science*, *13*(5). https://doi.org/10.1007/s13201-023-01914-5

Miranda, E., Mutiara, A. B., Ernastuti, & Wibowo, W. C. (2018). Classification of Land Cover from Sentinel-2 Imagery Using Supervised Classification Technique (Preliminary Study). *Proceedings of 2018 International Conference on Information Management and Technology, ICIMTech 2018*. https://doi.org/10.1109/ICIMTech.2018.8528122

Mirchooli, F., Sadeghi, S. H., & Khaledi Darvishan, A. (2022). Spatiotemporal dynamic of environmental indices of watershed sustainability in connection with land-use change. *Ecosystem Health and Sustainability*, *8*(1). https://doi.org/10.1080/20964129.2021.2024454

Neitsch, S. ., Arnold, J. ., Kiniry, J. ., & Williams, J. . (2011). Soil & Water Assessment Tool Theoretical Documentation Version 2009. *Texas Water Resources Institute*, 1–647. https://doi.org/10.1016/j.scitotenv.2015.11.063

Nichol, J. E., & Abbas, S. (2021). Evaluating plantation forest vs. Natural forest regeneration for biodiversity enhancement in Hong Kong. *Forests*, *12*(5). https://doi.org/10.3390/f12050593

Nwilo, P. C., Okolie, C. J., Onyegbula, J. C., Arungwa, I. D., Ayoade, O. Q., Daramola, O. E., Orji, M. J., Maduako, I. D., & Uyo, I. I. (2022). Positional accuracy assessment of historical Google Earth imagery in Lagos State, Nigeria. *Applied Geomatics*, *14*(3). https://doi.org/10.1007/s12518-022-00449-9

Pahar, S. P. P., Paembonan, S. A., & Soma, A. S. (2021). Identification of drought level using normalized difference latent heat index on Maros Watershed. *IOP Conference Series: Earth and Environmental Science*, *681*(1). https://doi.org/10.1088/1755-1315/681/1/012123

Puno, R. C. C., Puno, G. R., & Talisay, B. A. M. (2019). Hydrologic responses of watershed assessment to land cover and climate change using soil and water assessment tool model. *Global Journal of Environmental Science and Management*, *5*(1). https://doi.org/10.22034/gjesm.2019.01.06

Pusat Pendidikan dan Pelatihan Sumber Daya Air dan Konstruksi. (2016). Survei Kesesuaian Lahan: Diklat Teknis Perencanaan Irigasi Tingkat Dasar. In *Pusat Pendidikan dan Pelatihan Sumber Daya Air dan Konstruksi - Kementerian Pekerjaan Umum dan Perumahan Rakyat*. Pusat Pendidikan dan Pelatihan Sumber Daya Air dan Konstruksi - Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Raj, A., Kumar, M. S., Kumar, S., & Singh, H. P. (2021). Climate change variability assessment on water resources by SWAT model: A Review. *WEENTECH Proceedings in Energy*. https://doi.org/10.32438/wpe.23021

Rajkai, K., Tóth, B., Barna, G., Hernádi, H., Kocsis, M., & Makó, A. (2015). Particle-size and organic matter effects on structure and water retention of soils. *Biologia (Poland)*, *70*(11). https://doi.org/10.1515/biolog-2015-0176

Ramadhan, M. F. (2021). Analisis Perkiraan Sedimentasi dan Fungsi Hidrologi DAS Ngrancah, Kulonprogo Menggunakan Permodelan SWAT. *Jurnal Paradigma: Jurnal Multidisipliner Mahasiswa Pascasarjana Indonesia*, *1*(2).

Ridwansyah, I., Fakhrudin, M., Wibowo, H., & Yulianti, M. (2018). Application of the Soil and Water Assessment Tool (SWAT) to predict the impact of best management practices in Jatigede Catchment Area. *IOP Conference Series: Earth and Environmental Science*, *118*(1). https://doi.org/10.1088/1755-1315/118/1/012030

Ridwansyah, I., Yulianti, M., & Wibowo, H. (2019). Soil Water Analysis Tools (SWAT) hydrology modelling as a basis for spatial planning: A case study in Cimandiri Watershed, West Java Province. *IOP Conference Series: Earth and Environmental Science*, *380*(1). https://doi.org/10.1088/1755-1315/380/1/012017

Saputra, D. R., Ade, R. A. Y., & Partoyo. (2020). Assessment of the groundwater recharge potential areas using GIS in Kajor Kulon Hamlet, Selopamioro, Imogiri, Bantul, Yogyakarta. *Jurnal Geografi Lingkungan Tropik*, *4*(2). https://doi.org/10.7454/jglitrop.v4i2.89

Sasongko, I., Gai, A. M., & Azzizi, V. T. (2024). Spatiotemporal Dynamics of Land Use and Community Perception in Peri-Urban Environments: The Case of the Intermediate City in Indonesia. *Urban Science*, *8*(3), 97. https://doi.org/10.3390/urbansci8030097

Serur, A. B., & Adi, K. A. (2022). Multi-site calibration of hydrological model and the response of water balance components to land use land cover change in a rift valley Lake Basin in Ethiopia. *Scientific African*, *15*. https://doi.org/10.1016/j.sciaf.2022.e01093

Shi, S., Zhu, H., & Wang, X. (2023). Validation of MERRA-2 AOT Modeling Data over China Using SIAVNET Measurement. *Atmosphere*, *14*(10). https://doi.org/10.3390/atmos14101592

Slamet, L., Basukriadi, A., Thayeb, M. H., & Soesilo, T. E. B. (2013). The Effect of Flooding in Rice Cultivation Techniques on Infiltration and Water Balance. *Forum Geografi*, *27*(1).

Sloan, S. (2024). The qualified prevalence of natural and planted tropical reforestation. *Communications Earth and Environment*, *5*(1). https://doi.org/10.1038/s43247-024-01437-0

Smit, E., van Zijl, G., Riddell, E., & van Tol, J. (2024). Model calibration using hydropedological insights to improve the simulation of internal hydrological processes using SWAT+. *Hydrological Processes*, *38*(5), 1–16. https://doi.org/10.1002/hyp.15158

Soma, A. S., Chaeruddin, A. A., & Wahyuni. (2023). Analysis of The Quality of The Mamasa Sub-Watershed Using The Land Cover Approach and Land Cover Projections in 2031. *IOP Conference Series: Earth and Environmental Science*, *1277*(1). https://doi.org/10.1088/1755-1315/1277/1/012023

Sugianto, S., Deli, A., Miswar, E., Rusdi, M., & Irham, M. (2022). The Effect of Land Use and Land Cover Changes on Flood Occurrence in Teunom Watershed, Aceh Jaya. *Land*, *11*(8). https://doi.org/10.3390/land11081271

Sukri, I., Harini, R., & Sudrajat, S. (2023). Analysis of Changes in the Carrying Capacity of Food Agriculture in Kulon Progo Regency, Yogyakarta. *BHUMI: Jurnal Agraria dan Pertanahan*, *8*(2). https://doi.org/10.31292/bhumi.v8i2.473

Suroso, Putudewi, A., & Ardiansyah. (2021). Impact of land use changes on the water availability in Ciwulan watershed, West Java. *IOP Conference Series: Earth and Environmental Science*, *653*(1). https://doi.org/10.1088/1755-1315/653/1/012031

Syafri, S., Surya, B., Ridwan, R., Bahri, S., Rasyidi, E. S., & Sudarman, S. (2020). Water quality pollution control and watershed management based on community participation in maros city, south sulawesi, indonesia. *Sustainability (Switzerland)*, *12*(24). https://doi.org/10.3390/su122410260

Tanur, E. A., Imran, H. Al, Angrianto, R., May, N. L., & Anwar, A. (2024). Impact Analysis of Human Activities on Mangrove Conservation in Coastal Sulawesi. *West Science Nature and Technology*, *2*(01), 1–8. https://doi.org/10.58812/wsnt.v2i04.742

Thakur, J. K., Khanal, K., & Poudyal, K. (2017). Assessment of regional changes for enhancing water availability. *Environmental Systems Research*, *6*(1). https://doi.org/10.1186/s40068-017-0096-3

Tian, Y., Xu, D., Song, J., Guo, J., You, X., & Jiang, Y. (2022). Impacts of land use changes on ecosystem services at different elevations in an ecological function area, northern China. *Ecological Indicators*, *140*. https://doi.org/10.1016/j.ecolind.2022.109003

Truong, N. C. Q., Khoi, D. N., Nguyen, H. Q., & Kondoh, A. (2022). Impact of Forest Conversion to Agriculture on Hydrologic Regime in the Large Basin in Vietnam. *Water (Switzerland)*, *14*(6). https://doi.org/10.3390/w14060854

Verma, S. K., Prasad, A. D., & Verma, M. K. (2022). An Assessment of Ongoing Developments in Water Resources Management Incorporating SWAT Model: Overview and Perspectives. *Nature Environment and Pollution Technology*, *21*(4). https://doi.org/10.46488/NEPT.2022.v21i04.051

Wiwoho, B. S., Astuti, I. S., Alfarizi, I. A. G., & Sucahyo, H. R. (2021). Validation of three daily satellite rainfall products in a humid tropic watershed, brantas, indonesia: Implications to land characteristics and hydrological modelling. *Hydrology*, *8*(4). https://doi.org/10.3390/hydrology8040154

Wiwoho, B. S., Phinn, S., & McIntyre, N. (2023). Two Decades of Land-Use Dynamics in an Urbanizing Tropical Watershed: Understanding the Patterns and Drivers. *ISPRS International Journal of Geo-Information*, *12*(3). https://doi.org/10.3390/ijgi12030092

Yu, M., Zhang, J., Wei, L., Wang, G., Dong, W., & Liu, X. (2023). Impact of soil textures on agricultural drought evolution and field capacity estimation in humid regions. *Journal of Hydrology*, *626*. https://doi.org/10.1016/j.jhydrol.2023.130257

Zhang, P., Liu, R., Bao, Y., Wang, J., Yu, W., & Shen, Z. (2014). Uncertainty of SWAT model at different DEM resolutions in a large mountainous watershed. *Water Research*, *53*. https://doi.org/10.1016/j.watres.2014.01.018

Zhu, Z., Liu, B., Wang, H., & Hu, M. (2021). Analysis of the spatiotemporal changes in watershed landscape pattern and its influencing factors in rapidly urbanizing areas using satellite data. *Remote Sensing*, *13*(6). https://doi.org/10.3390/rs13061168