

DAFTAR PUSTAKA

- Abebe, G., Getachew, D., Ewunetu, A., 2022. Analysing land use/land cover changes and its dynamics using remote sensing and GIS in Gubalafito district, Northeastern Ethiopia. *SN Appl Sci* 4. <https://doi.org/10.1007/s42452-021-04915-8>
- Abebe, M.A., Enku, T., Ahmed, S.E., 2022. Impact of Land Use Land Cover Dynamics on Stream Flow: A Case of Borkena Watershed, Awash Basin, Ethiopia, *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST*. https://doi.org/10.1007/978-3-030-93712-6_9
- Alaoui, H.I., Chemchaoui, A., Kacem, H.A., 2024. Economic valuation of sediment retention services in the Oued-Beht watershed (Morocco): A spatiotemporal analysis using InVEST SDR-InVEST model. *Ecological Frontiers* 44, 1158–1168. <https://doi.org/10.1016/j.ecofro.2024.05.003>
- Allen, R.G., Pereira, L.S., Raes, D., Smith, M., 1998. Crop evapotranspiration - Guidelines for computing crop water requirements - FAO Irrigation and drainage paper 56. FAO - Food and Agriculture Organization of the United Nations, Rome.
- Aneseyee, A.B., Elias, E., Soromessa, T., Feyisa, G.L., 2020. Land use/land cover change effect on soil erosion and sediment delivery in the Winike watershed, Omo Gibe Basin, Ethiopia. *Science of the Total Environment* 728. <https://doi.org/10.1016/j.scitotenv.2020.138776>
- Anjinho, P.D.S., Barbosa, M.A.G.A., Mauad, F.F., 2022. Evaluation of InVEST's Water Ecosystem Service Models in a Brazilian Subtropical Basin. *Water (Switzerland)* 14. <https://doi.org/10.3390/w14101559>
- Argaw, M., Yohannes, H., 2024. Impact of land use/land cover changes on surface water and soil-sediment export in the urbanized Akaki River catchment, Awash Basin, Ethiopia. *J Hydrol Reg Stud* 52. <https://doi.org/10.1016/j.ejrh.2024.101677>
- Ávila-García, D., Morató, J., Pérez-Maussán, A.I., Santillán-Carvantes, P., Alvarado, J., Comín, F.A., 2020. Impacts of alternative land-use policies on water ecosystem services in the Río Grande de Comitán-Lagos de Montebello watershed, Mexico. *Ecosyst Serv* 45. <https://doi.org/10.1016/j.ecoser.2020.101179>
- Awotwi, A., Anornu, G.K., Quaye-Ballard, J.A., Annor, T., Nti, I.K., Odai, S.N., Arhin, E., Gyamfi, C., 2021. Impact of post- reclamation of soil by large-scale, small-scale and illegal mining on water balance components and sediment yield: Pra River Basin case study. *Soil Tillage Res* 211. <https://doi.org/10.1016/J.STILL.2021.105026>
- Bayarmagnai, D., Rentsen, T., Darkhijav, B., 2022. Development Land Cover Classification Approach Using Linear Mixing Model And Random Forest In Google Earth Engine, in: *ACRS2022 Proceedings. Asian Association on Remote Sensing, Ulaanbaatar*.

- Bayu, H.H., Baskoro, D.P.T., Rachman, L.M., 2019. Analisis Kinerja DAS Pedindang Pasca Tambang Timah Kabupaten Bangka Tengah Provinsi Bangka Belitung. *Jurnal Ilmu Tanah dan Lingkungan* 21, 72–77. <https://doi.org/10.29244/JITL.21.2.72-77>
- BNPB, 2025. Statistik Bencana, Korban dan Kerusakan Menurut Wilayah [WWW Document]. Bidang Pengelolaan Data dan Sistem Informasi. URL https://dibi.bnpb.go.id/statistik_menurut_wilayah (accessed 2.13.25).
- BPKH XIII Pangkalpinang, 2024. Peta Tutupan Lahan Provinsi Kepulauan Bangka Belitung.
- BPS Kabupaten Bangka, 2025. Kabupaten Bangka Dalam Angka 2025 . BPS Kabupaten Bangka, Sungailiat.
- BPS Kabupaten Bangka Tengah, 2025. Kabupaten Bangka Tengah Dalam Angka 2025. BPS Kabupaten Bangka Tengah, Koba.
- BPS Kota Pangkal Pinang, 2025. Kota Pangkal Pinang Dalam Angka 2025. BPS Kota Pangkal Pinang, Pangkal Pinang.
- Brauman, K.A., Freyberg, D.L., Daily, G.C., 2015. Impacts of land-use change on groundwater supply: Ecosystem services assessment in Kona, Hawaii. *J Water Resour Plan Manag* 141. [https://doi.org/10.1061/\(ASCE\)WR.1943-5452.0000495](https://doi.org/10.1061/(ASCE)WR.1943-5452.0000495)
- Breiman, L., 2001. Random forests. *Mach Learn* 45, 5–32. <https://doi.org/10.1023/A:1010933404324/METRICS>
- Chanapathi, T., Thatikonda, S., 2020. Investigating the impact of climate and land-use land cover changes on hydrological predictions over the Krishna river basin under present and future scenarios. *Science of the Total Environment* 721. <https://doi.org/10.1016/j.scitotenv.2020.137736>
- Crampe, E.A., Segura, C., Jones, J.A., 2021. Fifty years of runoff response to conversion of old-growth forest to planted forest in the H. J. Andrews Forest, Oregon, USA. *Hydrol Process* 35. <https://doi.org/10.1002/HYP.14168>
- Efthimiou, N., Lykoudi, E., Psomiadis, E., 2020. Inherent relationship of the USLE, RUSLE topographic factor algorithms and its impact on soil erosion modelling. *Hydrological Sciences Journal* 1879–1893. <https://doi.org/10.1080/02626667.2020.1784423>
- Fitriansyah, H., Ajrina, F.I., Caesar, M.Y., Maulidya, H.A., 2024. Evaluation of the Spatial Planning of Pangkalpinang City for 2011-2030 Based on Flood Vulnerability Distribution. *SPECTA Journal of Technology* 8, 197–209. <https://doi.org/10.35718/SPECTA.V8I3.1204>
- Francesconi, W., Srinivasan, R., Pérez-Miñana, E., Willcock, S.P., Quintero, M., 2016. Using the Soil and Water Assessment Tool (SWAT) to model ecosystem services: A systematic review. *J Hydrol (Amst)* 535, 625–636. <https://doi.org/10.1016/j.jhydrol.2016.01.034>
- Gashaw, T., Bantider, A., Zeleke, G., Alamirew, T., Jemberu, W., Worqlul, A.W., Dile, Y.T., Bewket, W., Meshesha, D.T., Adem, A.A., Adem, A.A., Addisu, S., 2021. Evaluating InVEST model for estimating soil loss and sediment export in data scarce regions of the Abbay (Upper Blue Nile) Basin: Implications for land managers. *Environmental Challenges* 5. <https://doi.org/10.1016/j.envc.2021.100381>

- Gashaw, T., Worqlul, A.W., Dile, Y.T., Mesfin Sahle, , Anwar, , Adem, A., Bantider, , Amare, Teixeira, Z., Alamirew, , Tena, Derege, , Meshesha, T., Getachew Bayable, , 2022. Evaluating InVEST model for simulating annual and seasonal water yield in data-scarce regions of the Abbay (Upper Blue Nile) Basin: implications for water resource planners and managers. *Sustain Water Resour Manag* 8, 170. <https://doi.org/10.1007/s40899-022-00757-3>
- Gorelick, N., Hancher, M., Dixon, M., Ilyushchenko, S., Thau, D., Moore, R., 2017. Google Earth Engine: Planetary-scale geospatial analysis for everyone. *Remote Sens Environ* 202, 18–27. <https://doi.org/10.1016/j.rse.2017.06.031>
- Hameed, H.M., Fage, G.R., Rasul, A., 2020. Effects of Land Cover Change on Surface Runoff Using GIS and Remote Sensing: A Case Study Duhok Sub-basin. *Springer Water* 205–223. https://doi.org/10.1007/978-3-030-21344-2_9
- Hamel, P., Chaplin-Kramer, R., Sim, S., Mueller, C., 2015. A new approach to modeling the sediment retention service (InVEST 3.0): Case study of the Cape Fear catchment, North Carolina, USA. *Science of The Total Environment* 524–525, 166–177. <https://doi.org/10.1016/j.scitotenv.2015.04.027>
- Han, B., Reidy, A., Li, A., 2021. Modeling nutrient release with compiled data in a typical Midwest watershed. *Ecol Indic* 121. <https://doi.org/10.1016/j.ecolind.2020.107213>
- Healey, N.C., Rover, J.A., 2022. Analyzing the Effects of Land Cover Change on the Water Balance for Case Study Watersheds in Different Forested Ecosystems in the USA. *Land* (Basel) 11. <https://doi.org/10.3390/land11020316>
- Imran, M., Haider, F., 2024. Forest ecosystem services of water-related filtration and regulation, a multi-source assessment and economic valuation in Mangla watershed. *Water Supply* 24, 3680–3696. <https://doi.org/10.2166/ws.2024.235>
- Kabeja, C., Li, R., Guo, J., Rwatangabo, D.E.R., Manyifika, M., Gao, Z., Wang, Y., Zhang, Y., 2020. The impact of reforestation induced land cover change (1990–2017) on flood peak discharge using HEC-HMS hydrological model and satellite observations: A study in two mountain Basins, China. *Water (Switzerland)* 12. <https://doi.org/10.3390/W12051347>
- Kantharajan, G., Govindakrishnan, P.M., Singh, R.K., Natalia, E.C., Jones, S.K., Singh, A., Mohindra, V., Kumar, N.K.R.K., Rana, J.C., Jena, J.K., Jena, J.K., Lal, K.K., 2023. Quantitative assessment of sediment delivery and retention in four watersheds in the Godavari River Basin, India, using InVEST model — an aquatic ecosystem services perspective. *Environmental Science and Pollution Research* 30, 30371–30384. <https://doi.org/10.1007/s11356-022-24013-5>
- Khorn, N., Ismail, M.H., Nurhidayu, S., Kamarudin, N., Sulaiman, M.S., 2022. Land use/land cover changes and its impact on runoff using SWAT model in the upper Prek Thnot watershed in Cambodia. *Environ Earth Sci* 81. <https://doi.org/10.1007/s12665-022-10583-7>
- 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. <https://doi.org/10.1016/j.heliyon.2019.e02981>

- Kinnell, P.I.A., 2025. A review of the science and logic associated with replacing RUSLE2 by WEPP as an aid to making land management decisions to conserve soil in the USA. *Catena* (Amst) 252. <https://doi.org/10.1016/J.CATENA.2025.108888>
- Kinnell, P.I.A., 2010. Event soil loss, runoff and the Universal Soil Loss Equation family of models: A review. *J Hydrol* (Amst) 385, 384–397. <https://doi.org/10.1016/J.JHYDROL.2010.01.024>
- Kouassi, C.J.A., Qian, C., Khan, D., Achille, L.S., Kebin, Z., Omifolaji, J.K., Yang, X., 2023. GOOGLE EARTH ENGINE FOR LANDSAT IMAGE PROCESSING AND ASSESSING LULC CLASSIFICATION IN SOUTHWESTERN CÔTE D'IVOIRE. *Geodesy and Cartography* (Vilnius) 49, 37–50. <https://doi.org/10.3846/gac.2023.16805>
- Kumar, M., Sahu, A.P., Sahoo, N., Dash, S.S., Raul, S.K., Panigrahi, B., 2022. Global-scale application of the RUSLE model: a comprehensive review. *Hydrological Sciences Journal* 67, 806–830. <https://doi.org/10.1080/02626667.2021.2020277>
- Kumar, R., Bhardwaj, A.K., Rao, B.K., Vishwakarma, A.K., Kakade, V., Dinesh, D., Singh, G., Kumar, G., Pande, V.C., Bhatnagar, P.R., Bagdi, G.L., 2021. Soil loss hinders the restoration potential of tree plantations on highly eroded ravine slopes. *J Soils Sediments* 21, 1232–1242. <https://doi.org/10.1007/S11368-020-02833-7>
- Landis, J.R., Koch, G.G., 1977. The Measurement of Observer Agreement for Categorical Data. *Biometrics* 33, 159. <https://doi.org/10.2307/2529310>
- Lang, Y., Song, W., Zhang, Y., 2017. Responses of the water-yield ecosystem service to climate and land use change in Sancha River Basin, China. *Physics and Chemistry of the Earth, Parts A/B/C* 101, 102–111. <https://doi.org/10.1016/J.PCE.2017.06.003>
- Lara, A., Jones, J., Little, C., Vergara, N., 2021. Streamflow response to native forest restoration in former Eucalyptus plantations in south central Chile. *Hydrol Process* 35. <https://doi.org/10.1002/HYP.14270>
- Larsen, M.C., 2017. Forested Watersheds, Water Resources, and Ecosystem Services, with Examples from the United States, Panama, and Puerto Rico, *Chemistry and Water: The Science Behind Sustaining the World's Most Crucial Resource*. <https://doi.org/10.1016/B978-0-12-809330-6.00004-0>
- Lee, J., Kim, K., Lee, K., 2024. Multi-Sensor Satellite Image Classification Using Random Forest Algorithm in Google Earth Engine: Application of CAS500-1 Image Sets. *Korean Journal of Remote Sensing* 40, 445–453. <https://doi.org/10.7780/KJRS.2024.40.5.1.3>
- Lele, S., 2009. Watershed services of tropical forests: from hydrology to economic valuation to integrated analysis. *Curr Opin Environ Sustain* 1, 148–155. <https://doi.org/10.1016/j.cosust.2009.10.007>
- Liao, W.T., Deng, H.B., Li, R.N., Zheng, H., 2018. Spatial patterns of ecosystem hydrological regulation services and factors affecting them in the Yangtze river basin: Sub-watershed scale analysis. *Shengtai Xuebao* 38, 412–420. <https://doi.org/10.5846/stxb201701080065>

- Liu, M., Min, L., Zhao, J., Shen, Y., Pei, H., Zhang, H., Li, Yy., 2021. The impact of land use change on water-related ecosystem services in the bashang area of hebei province, china. *Sustainability (Switzerland)* 13, 1–15. <https://doi.org/10.3390/su13020716>
- Liu, T., Liu, Z., Sun, W., 2012. Research of cover and management factor in the model of the revised universal soil loss equation of black earth erosion in northeastern part of China. *Applied Mechanics and Materials* 209–211, 1190–1193. <https://doi.org/10.4028/WWW.SCIENTIFIC.NET/AMM.209-211.1190>
- Liu, T., Merrill, N.H., Gold, A.J., Kellogg, D.Q., Uchida, E., 2013. Modeling the production of multiple ecosystem services from agricultural and forest landscapes in Rhode Island. *Agric Resour Econ Rev* 42, 251–274. <https://doi.org/10.1017/S1068280500007711>
- Loc, H.H., Thanavanh, T., Nguyet, D.A., Upadhyay, S., Maung, T.M., Shrestha, S., Park, E., Hamel, P., 2024. Understanding the impacts of land use changes on the sustainability of hydrological ecosystem services: the case of Pasak River Basin, Thailand. *Environ Dev Sustain.* <https://doi.org/10.1007/s10668-024-05824-7>
- Lopena, J.B.B., Libot, P.J.A., Bocobo, A.E., 2024. Modeling of Sediment Export and Retention Capacity of Land covers in Taguibo Watershed, Butuan City, Philippines using InVEST-SDR, in: *International Exchange and Innovation Conference on Engineering and Sciences.* pp. 938–942. <https://doi.org/10.5109/7323372>
- Lozano-Baez, S.E., Domínguez-Haydar, Y., Zwartendijk, B.W., Cooper, M., Tobón, C., Prima, S. Di, 2021. Contrasts in top soil infiltration processes for degraded vs. Restored lands. a case study at the perijá range in Colombia. *Forests* 12, 1716. <https://doi.org/10.3390/F12121716/S1>
- Ma, L., Liu, Y., Zhang, X., Ye, Y., Yin, G., Johnson, B.A., 2019. Deep learning in remote sensing applications: A meta-analysis and review. *ISPRS Journal of Photogrammetry and Remote Sensing.* <https://doi.org/10.1016/j.isprsjprs.2019.04.015>
- Mao, L., Li, M., 2023. Integrating Sentinel Active and Passive Remote Sensing Data to Land Cover Classification in a National Park from GEE Platform. *Geomatics and Information Science of Wuhan University* 48, 756–764. <https://doi.org/10.13203/j.whugis20200633>
- Marondedze, A.K., Schütt, B., 2020. Assessment of soil erosion using the rusle model for the Epworth district of the harare metropolitan province, zimbabwe. *Sustainability (Switzerland)* 12, 1–24. <https://doi.org/10.3390/SU12208531>
- Mirghaed, F.A., Sourì, B., 2022. Monitoring ecosystem services through land use change in a semiarid region: a case study of the Taluk watershed, southwestern Iran. *International Journal of Environmental Science and Technology* 19, 12523–12536. <https://doi.org/10.1007/S13762-022-04490-4/FIGURES/10>
- Mohammady, M., Moradi, H.R., Zeinivand, H., Temme, A.J.A.M., 2015. A comparison of supervised, unsupervised and synthetic land use classification methods in the north of Iran. *International Journal of Environmental Science and Technology* 12, 1515–1526. <https://doi.org/10.1007/s13762-014-0728-3>

- Moriassi, 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. *Trans ASABE* 50, 885–900.
- Muma, M., Assani, A.A., Landry, R., Quessy, J.F., Mesfioui, M., 2011. Effects of the change from forest to agriculture land use on the spatial variability of summer extreme daily flow characteristics in southern Quebec (Canada). *J Hydrol (Amst)* 407, 153–163. <https://doi.org/10.1016/J.JHYDROL.2011.07.020>
- Nasiri, V., Deljouei, A., Moradi, F., Sadeghi, S.M.M., Borz, S.A., 2022. Land Use and Land Cover Mapping Using Sentinel-2, Landsat-8 Satellite Images, and Google Earth Engine: A Comparison of Two Composition Methods. *Remote Sens (Basel)* 14. <https://doi.org/10.3390/rs14091977>
- Natalia, A.C., Hambali, R., Sabri, F., 2022. Analisis Erosi Pada Daerah Aliran Sungai Baturusa. *Jurnal Teknik Sumber Daya Air* 2, 13–24. <https://doi.org/10.56860/JTSDA.V2I1.26>
- Natural Capital Project, 2025a. InVEST® documentation [WWW Document]. Stanford University, University of Minnesota, Chinese Academy of Sciences, The Nature Conservancy, World Wildlife Fund, Stockholm Resilience Centre and the Royal Swedish Academy of Sciences. URL http://releases.naturalcapitalproject.org/invest-userguide/latest/en/the_need_for.html#introduction (accessed 3.13.25).
- Natural Capital Project, 2025b. Seasonal Water Yield — InVEST® documentation [WWW Document]. Stanford University, University of Minnesota, Chinese Academy of Sciences, The Nature Conservancy, World Wildlife Fund, Stockholm Resilience Centre and the Royal Swedish Academy of Sciences. URL <https://naturalcapitalproject.stanford.edu/software/invest> (accessed 2.22.24).
- Natural Capital Project, 2025c. Data Sources — InVEST® documentation [WWW Document]. URL http://releases.naturalcapitalproject.org/invest-userguide/latest/en/data_sources.html (accessed 6.16.25).
- Natural Capital Project, 2025d. SDR: Sediment Delivery Ratio — InVEST® documentation [WWW Document]. Stanford University, University of Minnesota, Chinese Academy of Sciences, The Nature Conservancy, World Wildlife Fund, Stockholm Resilience Centre and the Royal Swedish Academy of Sciences. URL <https://naturalcapitalproject.stanford.edu/software/invest> (accessed 2.16.24).
- Nedkov, S., Boyanova, K., Burkhard, B., 2015. Quantifying, modelling and mapping ecosystem services in watersheds, *Ecosystem Services and River Basin Ecohydrology*. https://doi.org/10.1007/978-94-017-9846-4_7
- Negese, A., 2021. Impacts of Land Use and Land Cover Change on Soil Erosion and Hydrological Responses in Ethiopia. *Appl Environ Soil Sci* 2021. <https://doi.org/10.1155/2021/6669438>
- Nghia, N. V., Thu, T.T.H., Bui, B.T.T.H.T., Huong, D.T., Cuc, N.T., 2021. Object-Based land cover classification of the Vu Gia - Thu Bon river basin on the cloud computing platform, in: *Journal of Physics: Conference Series*. IOP Publishing Ltd. <https://doi.org/10.1088/1742-6596/1809/1/012039>

- Nur, K.I., Friska, A., Idham, A.C., Fardha, Z.M., 2025. Identification of Erosion Classes on Slope Changes Using the Universal Soil Loss Equation (Usle) Method in the Period 2013 and 2023 in the Gunungmasigit Village Area, West Bandung District. *IOP Conf Ser Earth Environ Sci* 1486. <https://doi.org/10.1088/1755-1315/1486/1/012009>
- Pande, C.B., Srivastava, A., Moharir, K.N., Radwan, N., Mohd Sidek, L., Alshehri, F., Pal, S.C., Tolche, A.D., Zhran, M., 2024. Characterizing land use/land cover change dynamics by an enhanced random forest machine learning model: a Google Earth Engine implementation. *Environ Sci Eur* 36. <https://doi.org/10.1186/s12302-024-00901-0>
- Pathan, A.I., Agnihotri, P.G., 2020. One Dimensional Floodplain Modelling Using Soft Computational Techniques in HEC-RAS - A Case Study on Purna Basin, Navsari District, *Advances in Intelligent Systems and Computing*. https://doi.org/10.1007/978-3-030-33585-4_53
- Phinzi, K., Ngetar, N.S., Pham, Q.B., Chakilu, G.G., Szabó, S., 2023. Understanding the role of training sample size in the uncertainty of high-resolution LULC mapping using random forest. *Earth Sci Inform* 16, 3667–3677. <https://doi.org/10.1007/S12145-023-01117-1/TABLES/2>
- Ponette-González, A.G., Brauman, K.A., Marín-Spiotta, E., Farley, K.A., Weathers, K.C., Young, K.R., Curran, L.M., 2015. Managing water services in tropical regions: From land cover proxies to hydrologic fluxes. *Ambio* 44, 367–375. <https://doi.org/10.1007/s13280-014-0578-8>
- Qasim, M., Khan, S.D., Haider, R., Rasheed, M. ur, 2022. Integration of multispectral and hyperspectral remote sensing data for lithological mapping in Zhob Ophiolite, Western Pakistan. *Arabian Journal of Geosciences* 15. <https://doi.org/10.1007/s12517-022-09788-8>
- Rachman, L.M., Baskoro, D.P.T., Bayu, H.H., 2019. The Effect of Tin Mining on Soil Damage in Pedindang Sub-Watershed, Central Bangka Regency. *IOP Conf Ser Earth Environ Sci* 399, 012026. <https://doi.org/10.1088/1755-1315/399/1/012026>
- Raji, S.A., Odunuga, S., Fasona, M., 2020. Spatiotemporal modeling of nutrient retention in a tropical semi-arid basin. *Environmental Research and Technology* 3, 225–237. <https://doi.org/10.35208/ert.782409>
- Rodriguez, B.C., Palma-Torres, V.M., Castañeda, T.J.E., Codtiyeng, S.K., Castillo, J.F., Sasi, A.P.V., Tercero, M.U., Andrada, R.T., 2024. Drivers and Impacts of Land Use and Land Cover Changes on Ecosystem Services Provided by the Watersheds in the Philippines: A Systematic Literature Review. *International Forestry Review* 25, 473–490. <https://doi.org/10.1505/146554823838028201>
- Sadhwani, K., Eldho, T.I., Jha, M.K., Karmakar, S., 2022. Effects of Dynamic Land Use/Land Cover Change on Flow and Sediment Yield in a Monsoon-Dominated Tropical Watershed. *Water (Switzerland)* 14. <https://doi.org/10.3390/w14223666>
- Scharffenberg, W., Harris, J., 2008. Hydrologic Engineering Center Hydrologic Modeling System, HEC-HMS: Interior flood modeling, in: *World Environmental and Water Resources Congress 2008: Ahupua'a - Proceedings*

- of the World Environmental and Water Resources Congress 2008.
[https://doi.org/10.1061/40976\(316\)632](https://doi.org/10.1061/40976(316)632)
- Seitz, S., Prasuhn, V., Scholten, T., 2020. Controlling Soil Erosion Using No-Till Farming Systems. No-till Farming Systems for Sustainable Agriculture: Challenges and Opportunities 195–211. https://doi.org/10.1007/978-3-030-46409-7_12
- Sheykhmousa, M., Mahdianpari, M., Ghanbari, H., Mohammadimanesh, F., Ghamisi, P., Homayouni, S., 2020. Support Vector Machine Versus Random Forest for Remote Sensing Image Classification: A Meta-Analysis and Systematic Review. IEEE J Sel Top Appl Earth Obs Remote Sens. <https://doi.org/10.1109/JSTARS.2020.3026724>
- Stehman, S. V., 1999. Basic probability sampling designs for thematic map accuracy assessment. Int J Remote Sens 20, 2423–2441. <https://doi.org/10.1080/014311699212100>
- Sun, D., Yang, H., Guan, D., Yang, M., Wu, J., Yuan, F., Jin, C., Wang, A., Zhang, Y., 2018. The effects of land use change on soil infiltration capacity in China: A meta-analysis. Science of The Total Environment 626, 1394–1401. <https://doi.org/10.1016/J.SCITOTENV.2018.01.104>
- Sun, X., Zhang, Y., Shen, Y., Randhir, T.O., Cao, M., 2019. Exploring ecosystem services and scenario simulation in the headwaters of Qiantang River watershed of China. Environmental Science and Pollution Research 26, 34905–34923. <https://doi.org/10.1007/s11356-019-06483-2>
- Suryanta, J., Nahib, I., Ramadhani, F., Rifaie, F., Suwedi, N., Karolinoerita, V., Cahyana, D., Amhar, F., Suprajaka, 2024. Modelling and dynamic water analysis for the ecosystem service in the Central Citarum watershed, Indonesia. Journal of Water and Land Development 122–137. <https://doi.org/10.24425/jwld.2024.149114>
- Thanh Noi, P., Kappas, M., 2017. Comparison of Random Forest, k-Nearest Neighbor, and Support Vector Machine Classifiers for Land Cover Classification Using Sentinel-2 Imagery. Sensors 2018, Vol. 18, Page 18 18, 18. <https://doi.org/10.3390/S18010018>
- Townsend, P. V., Harper, R.J., Brennan, P.D., Dean, C., Wu, S., Smettem, K.R.J., Cook, S.E., 2012. Multiple environmental services as an opportunity for watershed restoration. For Policy Econ 17, 45–58. <https://doi.org/10.1016/J.FORPOL.2011.06.008>
- Ureta, J.C., Clay, L., Motallebi, M., Ureta, J., 2021. Quantifying the landscape's ecological benefits—an analysis of the effect of land cover change on ecosystem services. Land (Basel) 10, 1–20. <https://doi.org/10.3390/land10010021>
- USDA, 1986. Urban Hydrology for Small Watersheds, TR-55. ed. United States Department of Agriculture, Washington DC.
- Wang, X., Liu, G., Lin, D., Lin, Y., Lu, Y., Xiang, A., Xiao, S., 2022. Water yield service influence by climate and land use change based on InVEST model in the monsoon hilly watershed in South China. Geomatics, Natural Hazards and Risk 13, 2024–2048. <https://doi.org/10.1080/19475705.2022.2104174>

- Wang, Y., Zhang, Z., Chen, X., 2024. Impact of Land Use Change on Water-Related Ecosystem Services under Multiple Ecological Restoration Scenarios in the Ganjiang River Basin, China. *Forests* 15. <https://doi.org/10.3390/fl15071225>
- Wu, Y., Xu, Y., Yin, G., Zhang, X., Li, C., Wu, L., Hao, F., Wang, X., Hu, Q., 2021. A collaborated framework to improve hydrologic ecosystem services management with sparse data in a semi-arid basin. *Hydrology Research* 52, 1159–1172. <https://doi.org/10.2166/nh.2021.146>
- Yalew, S.G., Pilz, T., Schweitzer, C., Liersch, S., van der Kwast, J., van Griensven, A., Mul, M.L., Dickens, C., van der Zaag, P., 2018. Coupling land-use change and hydrologic models for quantification of catchment ecosystem services. *Environmental Modelling and Software* 109, 315–328. <https://doi.org/10.1016/j.envsoft.2018.08.029>
- Yang, J., Reichert, P., Abbaspour, K.C., Xia, J., Yang, H., 2008. Comparing uncertainty analysis techniques for a SWAT application to the Chaohe Basin in China. *J Hydrol (Amst)* 358, 1–23. <https://doi.org/10.1016/J.JHYDROL.2008.05.012>
- Yigez, B., Xiong, D., Zhang, B., Belete, M., Chalise, D., Chidi, C.L., Guadie, A., Wu, Y., Rai, D.K., 2023. Dynamics of soil loss and sediment export as affected by land use/cover change in Koshi River Basin, Nepal. *Journal of Geographical Sciences* 33, 1287–1312. <https://doi.org/10.1007/s11442-023-2130-x>
- Yohannes, H., Soromessa, T., Argaw, M., Dewan, A., 2021. Impact of landscape pattern changes on hydrological ecosystem services in the Beressa watershed of the Blue Nile Basin in Ethiopia. *Science of The Total Environment* 793, 148559. <https://doi.org/10.1016/J.SCITOTENV.2021.148559>
- Yuan, Q., Wu, H., Zhao, Y., Zhang, Y., Yao, R., Zhao, Y., Yang, W., 2022. Ecosystem health of the Beiyun River basin (Beijing, China) as evaluated by the method of combination of AHP and PCA. *Environmental Science and Pollution Research* 29, 39116–39130. <https://doi.org/10.1007/s11356-021-17616-x>