

DAFTAR PUSTAKA

- Adjei-Poku, B., Afrane, S. K., Amoako, C., & Inkoom, D. K. B. (2023). Customary Land Ownership And Land Use Change In Kumasi: An Issue Of Chieftaincy Sustenance? *Land Use Policy*, 125. <https://doi.org/10.1016/j.landusepol.2022.106483>
- Ali, M., Hadi, S., & Sulistyantara, B. (2016). Study On Land Cover Change Of Ciliwung Downstream Watershed With Spatial Dynamic Approach. *Procedia - Social And Behavioral Sciences*, 227, 52–59. <https://doi.org/10.1016/j.sbspro.2016.06.042>
- Anputhas, M., Janmaat, J., Nichol, C., & Wei, A. (2019). If They Come, Where Willwe Build It? Land-Use Implications Of Two Forest Conservation Policies In The Deep Creek Watershed. *Forests*, 10(7). <https://doi.org/10.3390/f10070581>
- Astriani, N., Wibisana, A. G., Nastiti, A., Mutia, A. N. A., & Nuraini, H. (2023). Identifying The Use Of Smart Enforcement In Citarum River Environmental Law Enforcement. *Padjadjaran Jurnal Ilmu Hukum*, 10(1), 36–58. <https://doi.org/10.22304/pjih.v10n1.a3>
- Baharom, N., Mohamad Salleh, N., & Tahar, M. M. (2022). Elements Of Mathematics Intervention Instrument Based On Learning Styles For Students With Learning Disabilities (Imgap) Using Fuzzy Delphi Analysis. *Journal Of Science And Mathematics Letters*, 10(2), 26–39. <https://doi.org/10.37134/jsml.vol10.2.3.2022>
- Benedict, M.A. Dan McMahoan, E.T. (2006). *Green Infrastructure: Linking Landscapes and Communities*. Urban Land
- Biswas, A. K. (2022). Urban Water Security For Developing Countries. *River*, 1(1), 15–24. <https://doi.org/10.1002/rvr2.11>
- Bogale, A. (2021). Morphometric Analysis Of A Drainage Basin Using Geographical Information System In Gilgel Abay Watershed, Lake Tana Basin, Upper Blue Nile Basin, Ethiopia. *Applied Water Science*, 11(7). <https://doi.org/10.1007/s13201-021-01447-9>
- Cahyono, Y. E., Hasim, & Dunggio, I. (2021). Analisis Pola Perubahan Penggunaan Lahan Di Daerah Aliran Sungai Biyonga Kabupaten Gorontalo Provinsi Gorontalo. *Journal Of Forestry Research*, 4(2), 72–85

- Hierro, A. F. R. L., Sánchez, M., Puente-Fernández, D., Montoya-Juárez, R., & Roldán, C. (2021). A Fuzzy Delphi Consensus Methodology Based On A Fuzzy Ranking. *Mathematics*, 9(18). <https://doi.org/10.3390/math9182323>
- Debnath, J., & DasPan, N. (2022). Effect Of Land Use/Land Cover Change On Soil Loss In The Tropical River Catchment Of Northeast India. *Advances In Geographic Information Science*, 75–96.
- Dunggio, I., Lihawa, F., & Hasan, R. (2022). Dinamika Perubahan Tutupan Hutan Dan Lahan Di Sub Das Tamalate Kabupaten Bone Bolango Dynamics Of Forest And Land Cover Change In Tamalate Sub Watershed Bone Bolango Regency.
- Erdiani, N., & Fadzil, M. (2024). Application Of Fuzzy Delphi Method To Identify The Construct For Designing And Developing The Multimodal Learning Framework For Writing Skills In Esl Context. <https://ijcnis.org/>
- Farida, A., & Irnawati, I. (2020). Kajian Karakteristik Morfometri Daerah Aliran Sungai Klawoguk Kota Sorong Berbasis Sistem Informasi Geografis. *Median*, 12(2), 74–86.
- Fauzi, R. A., Harini, R., & Rijanta, R. (2023). The Effect Of Land Cover Changes On Landslides In Grindulu Watershed, Pacitan Regency, East Java. *Bio Web Of Conferences*, 80. <https://doi.org/10.1051/bioconf/20238003020>
- Gadzhiev, N., Khasbulatova, Z., & Baysangurova, A. (2023). Study Of Carbon Sequestration Processes In Forestry On Carbon Farms. *Bio Web Of Conferences*, 63. <https://doi.org/10.1051/bioconf/20236307006>
- Haq, A. Z. U. (2025). Diguyur Hujan Disertai Angin, Sejumlah Wilayah Di Semarang Banjir-Longsor.
- Hasddin, H., Taufik, T., & Mukaddas, J. (2021). Tingkat Perubahan Tutupan Lahan (Deforestasi) Di Das Tiworo Kabupaten Muna Barat. *Sang Pencerah: Jurnal Ilmiah Universitas Muhammadiyah Buton*, 7(2), 260–269. <https://doi.org/10.35326/pencerah.v7i2.1106>
- Hendriani, A. S. (2016). Ruang Terbuka Hijau Sebagai Infrastruktur Hijau Kota Pada Ruang Publik Kota (Studi Kasus : Alun-Alun Wonosobo). *Jurnal Ppkm Ii*, 74–81.
- Heryana, D., & Firmansyah, A. (2024). Green Infrastructure Framework: Sebuah Strategi Pembangunan Infrastruktur Hijau Nasional. In *Journal Of Law, Administration, And Social Science* (Vol. 4, Issue 2).
- Hidayat, W., & Lawahid, N. A. (2020). *Metode Fuzzy Delphi Untuk Penelitian Sosial* (1st Ed.).

- Huang, Y., Yang, Y., Tu, K., & Yang, T. (2025). A Fuzzy Decision-Making Approach To The Health Assessment And Optimization Of Architecture-Dominated Outdoor Spaces In High-Density Urban Environments. *Buildings*, 15(7). <https://doi.org/10.3390/buildings15071165>
- Ianah, I. (2019). Analisis Inkonsistensi Penggunaan Lahan Di Kawasan Lindung Das Cisadane. *Jurnal Ilmu Lingkungan*, 17(3), 416. <https://doi.org/10.14710/jil.17.3.416-424>
- Ikhwanudin, Yudanigrum, F., & Wardani, A. (2024). Penanganan Banjir Daerah Aliran Sungai Babon Kota Semarang. *Jurnal Teknik Sipil Giratory Upgris*, 5(1).
- Inang, & Sari, A. P. (2023). Upaya Pemkot Semarang Antisipasi Banjir, Keruk Sedimen Hingga Siapkan 11 Pompa.
- Jayanti, O., & Suteki, S. (2020). Bekerjanya Hukum Pendirian Bangunan Di Garis Sempadan Sungai Babon. *Kanun Jurnal Ilmu Hukum*, 22(2), 379–393. <https://doi.org/10.24815/kanun.v22i2.17025>
- Kementerian Lingkungan Hidup dan Kehutanan. (2024). Data Tutupan Lahan DAS di Indonesia.
- Jin, Q., Liu, G., Li, L., He, C., Huang, Y., & Yao, Y. (2016). Land Use Scenarios Simulation Based On The Clue-S Model Of The Lijiang River Basin In Guilin, China. *Iop Conference Series: Earth And Environmental Science*, 46(1). <https://doi.org/10.1088/1755-1315/46/1/012051>
- Li, B. V, Jenkins, C. N., & Xu, W. (2022). Strategic Protection Of Landslide Vulnerable Mountains For Biodiversity Conservation Under Land-Cover And Climate Change Impacts. *Sustainable Science Pnas*, 119(2). <https://doi.org/10.1073/pnas.2113416118/-/DCSupplemental>
- Linstone, H. A. & Turoff, M. (2002). *The Delphi Method Techniques And Applications*, Isbn 0 201-04294-0.
- Li, Y., & Huang, S. (2015). Landscape Ecological Risk Responses To Land Use Change In The Luanhe River Basin, China. *Sustainability (Switzerland)*, 7(12), 16631–16652. <https://doi.org/10.3390/su71215835>
- Liu, Y., Cao, X., Xu, J., & Li, T. (2019). Influence Of Traffic Accessibility On Land Use Based On Landsat Imagery And Internet Map: A Case Study Of The Pearl River Delta Urban Agglomeration. *Plos One*, 14(12). <https://doi.org/10.1371/journal.pone.0224136>
- Lombardo, S., Kinney, J., Israel, S., & Wood, D. (2022). Utilizing Satellite Earth Observation Analyses And The Environment-Vulnerability-Decision-Technology Modelling Framework To Support The Yurok Tribe In Mitigating Climate Change Impacts Through Natural Resource Management. *Proceedings Of The International Astronautical Congress, Iac*.

- Mahmoud, R. A. (2024). Requirements For Achieving The Social Benefits Of Urban Green Infrastructure (Ugi). *Jes. Journal Of Engineering Sciences*, 0(0), 0–0. <https://doi.org/10.21608/Jesaun.2024.289935.1336>
- Mensah, C. A. (2014). Destruction Of Urban Green Spaces: A Problem Beyond Urbanization In Kumasi City (Ghana). *American Journal Of Environmental Protection*, 3(1), 1. <https://doi.org/10.11648/J.Ajep.20140301.11>
- Merida, H. C. E., & Perez, G. J. P. (2017). Assessing Land Cover/Land Use Change In A Small Island Protected Area Through Google Earth Engine: The Case Of Batanes. 38th Asian Conference On Remote Sensing - Space Applications: Touching Human Lives, ACRS 2017.
- Mohd, H., Heng, P. P., Hj Illias, M. R., Karrupayah, S., Fadhli, M. A., & Hod, R. (2024). A Qualitative Exploration And A Fuzzy Delphi Validation Of High-Risk Scaffolding Tasks And Fatigue-Related Safety Behavioural Deviation Among Scaffolders. *Heliyon*, 10(15). <https://doi.org/10.1016/J.Heliyon.2024.E34599>
- Mufrodi, S., & Sriyana, I. (2024). Analisis Pengaruh Perubahan Karakteristik Das Terhadap Keamanan Bendungan Pamukkulu Berdasarkan Penelusuran Banjir. *Teknik*, 45(1), 1–10. <https://doi.org/10.14710/Teknik.V45i1.59399>
- Naghipour, M. S., Rahim, Z. A., & Iqbal, M. S. (2024). A 5g Competency Model Based On The Fuzzy Delphi Method. *Journal Of Infrastructure, Policy And Development*, 8(10). <https://doi.org/10.24294/Jipd.V8i10.6788>
- Netzer, M. S., Sidman, G., Pearson, T. R. H., Walker, S. M., & Srinivasan, R. (2019). Combining Global Remote Sensing Products With Hydrological Modeling To Measure The Impact Of Tropical Forest Loss On Water-Based Ecosystem Services. *Forests*, 10(5). <https://doi.org/10.3390/F10050413>
- Nti, E. K., Kranjac-Berisavljevic, G., Doke, D. A., Wongnaa, C. A., Attafuah, E. E., & Gyan, M. A. (2023). The Impact Of Artisanal Gold Mining On The Sustainability Of Ghana's River Basins: The Case Of The Pra Basin. *Environmental And Sustainability Indicators*, 19. <https://doi.org/10.1016/J.Indic.2023.100264>
- Ogato, G. S., Bantider, A., & Geneletti, D. (2021). Dynamics Of Land Use And Land Cover Changes In Huluka Watershed Of Oromia Regional State, Ethiopia. *Environmental Systems Research*, 10(1). <https://doi.org/10.1186/S40068-021-00218-4>

- Oktarian, D. (2016). Analisis Spasial Perubahan Penggunaan Lahan Di Das Babon Hulu Terhadap Debit Puncak Sungai Babon Jawa Tengah. Universitas Negeri Semarang.
- Omari, A., Said, M., Njau, K., John, G., & Mtui, P. (2014). Energy Recovery Routes From Municipal Solid Waste, A Case Study Of Arusha-Tanzania. *Journal Of Energy Technologies And Policy* , 4(5), 1–8. [Www.iiste.org](http://www.iiste.org)
- Onuma, A., & Tsuge, T. (2018). Comparing Green Infrastructure As Ecosystem-Based Disaster Risk Reduction With Gray Infrastructure In Terms Of Costs And Benefits Under Uncertainty: A Theoretical Approach. *International Journal Of Disaster Risk Reduction*, 32, 22–28. [Https://Doi.Org/10.1016/J.Ijdr.2018.01.025](https://doi.org/10.1016/j.ijdr.2018.01.025)
- Owowo, M. O., Thomas Ajayi, S., Olanrewaju, O. A., Ighravwe, D. E., Amole, A. O., & Etangetuk, E. A. (2024). Designing A Fuzzy Delphi-Based Analytical Framework To Prioritize Factors Influencing Port Congestion. *Ieee International Conference On Emerging and Sustainable Technologies for Power and Ict in A Developing Society, Nigercon, 2024*. [Https://Doi.Org/10.1109/Nigercon62786.2024.10927296](https://doi.org/10.1109/Nigercon62786.2024.10927296)
- Pelealu, R. H., Sembel, A. S., & Warouw, F. (2022). Potensi Lokasi Penerapan Infastruktur Hijau Pada Daerah Aliran Sungai Tondano di Kota Manado. *Sabua*, 11(2), 1–10.
- Peraturan Daerah Kota Semarang Nomor 4 Tahun 2024
- Pratiwi, R. D., Fatimah, I. S., & Munandar, A. (2019). Persepsi Dan Preferensi Masyarakat Terhadap Infrastruktur Hijau Kota Yogyakarta. *Scientific Journal Of Bogor Agricultural University*, 11(1), 33–42. [Https://Doi.Org/10.29244/Jli.11.1.2019.33-42](https://doi.org/10.29244/jli.11.1.2019.33-42)
- Prihestiwi, R. C., Handayani, W., & Sarasadi, A. (2023). Land Use And Surface Runoff Change In Babon Watershed Semarang Greater Area. *Iop Conference Series: Earth And Environmental Science*, 1264(1). [Https://Doi.Org/10.1088/1755-1315/1264/1/012020](https://doi.org/10.1088/1755-1315/1264/1/012020)
- Putro, S. T., & Prasetyowati, S. H. (2020). Sedimentasi Di Gumuk Pasir Parangtritis Berdasarkan Tutupan Lahannya. *Jurnal Geomedia*, 18(1), 1–11.
- Qu, X., Li, X., Bardgett, R. D., Kuzyakov, Y., Revillini, D., Sonne, C., Xia, C., Ruan, H., Liu, Y., Cao, F., Reich, P. B., & Delgado-Baquerizo, M. (2024). Deforestation Impacts Soil Biodiversity And Ecosystem Services Worldwide. *Proceedings Of The National Academy Of Sciences Of The United States Of America*, 121(13). [Https://Doi.Org/10.1073/Pnas.2318475121](https://doi.org/10.1073/pnas.2318475121)
- Rafifah, K. D., Ramadhani, S., & Kurniasari, W. (2025). Analisis Perubahan Tutupan Lahan DAS Babon 2005 – 2023. Universitas Diponegoro.

- Rahmat, S., Soma, A. S., & Barkey, R. A. (2023). Land Cover Changes In Bila Watershed, South Sulawesi, Indonesia. *Iop Conference Series: Earth And Environmental Science*, 1230(1). <https://doi.org/10.1088/1755-1315/1230/1/012045>
- Rais Abidin, M., Umar, R., Mirah Liani, A., Nur, R., Arham Atjo, A., Fikruddin Buraerah, M., Ashar Abbas, A., & Yanti, J. (2023). Identifikasi Kemampuan Ruang Terbuka Hijau Kampus Dalam Menyerap Emisi Karbon Dioksida (Co₂) Identification Of The Ability Of Campus Green Open Spaces To Absorb Carbon Dioxide (Co₂) Emissions. *Xii(2)*, 104–113. <http://ojs.unm.ac.id/index.php/sainsmat>
- Raja Shekar, P., & Mathew, A. (2024). Morphometric Analysis Of Watersheds: A Comprehensive Review Of Data Sources, Quality, And Geospatial Techniques. In *Watershed Ecology And The Environment* (Vol. 6, Pp. 13–25). Keai Communications Co. <https://doi.org/10.1016/J.Wsee.2023.12.001>
- Rangga, A. (2024). Analisis Perubahan Tutupan Lahan Dan Debit Maksimum Di Daerah Aliran Sungai Babon Tahun 2019 Sampai 2023. Universitas Diponegoro.
- Rayhan, N., Schneider, P., Islam, M. S., Rashid, A., Mozumder, M. M. H., Hossain, M. M., Begum, A., & Shamsuzzaman, M. M. (2021). Article Analyses Of Protection And Conservation According To The Fish Act 1950 In Bangladesh's Kaptai Lake Fisheries Management. *Water (Switzerland)*, 13(20). <https://doi.org/10.3390/W13202835>
- Regasa, & Shiferaw, M. (2022). Land Use Land Cover Changes In The Fincha Basin, Ethiopia. *Proceedings Of The Iahr World Congress*, 840–844.
- Ridwan¹, M., & Sarjito, J. (2024). Studi Kajian Dampak Perubahan Tutupan Lahan Terhadap Kejadian Banjir Di Daerah Aliran Sungai. *Enviro: Journal Of Tropical Environmental Research*, 26(1), 38–45. <https://doi.org/10.20961/Enviro.V26i1.93145>
- Rusli, H. A. R., Aprisal, & Aditya, T. H. (2023). The Impact Of Land Use Change On Surface Runoff At Air Dingin Sub-Watershed, Padang City Indonesia. *Iop Conference Series: Earth And Environmental Science*, 1160(1). <https://doi.org/10.1088/1755-1315/1160/1/012027>
- Setiyono, & Sidiq, A. (2018). Konsep Infrastruktur Hijau Pada Area Khatulistiwa Park Kota Pontianak (Vol. 2, Issue 2).
- Setturu, B., & Ramachandra, T. V. (2021). Modeling Landscape Dynamics Of Policy Interventions In Karnataka State, India. *Journal Of Geovisualization And Spatial Analysis*, 5(2).

- Shen, J., Ren, X., Wu, H., & Feng, Z. (2024). The Relationship Between The Construction Of Transportation Infrastructure And The Development Of New Urbanization. *Isprs International Journal Of Geo-Information*, 13(6). <https://doi.org/10.3390/ijgi13060194>
- Sidiq, W. A. B. N., Hanafi, F., Priakusuma, D., Haruman, W., Sumarso, M. Y., & Setyowati, N. (2022). Analisis Banjir Genangan Di Kawasan Tembalang Dan Sekitarnya. *Jurnal Riptek*, 16(2), 137–144. <http://riptek.semarangkota.go.id>
- Souza, P. W. M., De Souza, E. B., Silva Júnior, R. O., Nascimento, W. R., Versiani De Mendonça, B. R., Guimarães, J. T. F., Dall'agnol, R., & Siqueira, J. O. (2016). Four Decades Of Land-Cover, Land-Use And Hydroclimatology Changes In The Itacaiúnas River Watershed, Southeastern Amazon. *Journal Of Environmental Management*, 167, 175–184. <https://doi.org/10.1016/j.jenvman.2015.11.039>
- Springmann, M., Clark, M., Mason-D'croz, D., Wiebe, K., Bodirsky, B. L., Lassaletta, L., De Vries, W., Vermeulen, S. J., Herrero, M., Carlson, K. M., Jonell, M., Troell, M., Declerck, F., Gordon, L. J., Zurayk, R., Scarborough, P., Rayner, M., Loken, B., Fanzo, J., ... Willett, W. (2018). Options For Keeping The Food System Within Environmental Limits. *Nature*, 562(7728), 519–525. <https://doi.org/10.1038/S41586-018-0594-0>
- Sriyana, I. (2018). River Conservation Using Seceel Approach: A Case Study On East Flood Way River, Semarang, Central Java, Indonesia. *Matec Web Of Conferences*, 159. <https://doi.org/10.1051/Mateconf/201815901021>
- Sulaiman, H. F., Ismail, R., Mohd Yusoff, H., Anuar, N., Mohd Jamil, M. R., & Daud, F. (2020). Validation Of Occupational Zoonotic Disease Questionnaire Using Fuzzy Delphi Method. *Journal Of Agromedicine*, 25(2), 166–172.
- Sulistiyono, N., Samuel, B., Ginting, P., Patana, P., & Susilowati, A. (2019). Land Cover Change And Deforestation Characteristics In The Management Section Of National Park (Msnp) Vi Besitang, Gunung Leuser National Park. *Journal Of Sylva Indonesiana (Jsi)*, 02(02), 91–100. <https://doi.org/10.32734/jsi.v2i2.1120s>
- Widyaputra, P. K. (2020). Penerapan Infrastruktur Hijau Di Berbagai Negara: Vol. I (N. Rismawati, Ed.; Pertama). Widina Bhakti Persada Bandung.
- Woodruff, S., Bae, J., Sohn, W., Newman, G., Tran, T., Lee, J., Wilkins, C., Van Zandt, S., & Ndubisi, F. (2022). Planning, Development Pressure, And Change In Green Infrastructure Quantity And Configuration In Coastal Texas. *Land Use Policy*, 114. <https://doi.org/10.1016/j.landusepol.2021.105893>

- Wu, C. F., Lin, Y. P., Chiang, L. C., & Huang, T. (2014). Assessing Highway's Impacts On Landscape Patterns And Ecosystem Services: A Case Study In Puli Township, Taiwan. *Landscape And Urban Planning*, 128, 60–71. <https://doi.org/10.1016/j.landurbplan.2014.04.020>
- Wu, Y., Qin, F., Dong, X., & Li, L. (2024). Investigating The Spatio-Temporal Evolution Of Land Cover And Ecosystem Service Value In The Kuye River Basin. *Water (Switzerland)*, 16(17). <https://doi.org/10.3390/w16172456>
- Wu, Zhang, J., & Yu. (2023). Driving Forces Behind The Spatiotemporal Heterogeneity Of Land-Use And Land-Cover Change: A Case Study Of The Weihe. In *Journal Of Arid Land* (Vol. 15, Issue 3). https://www-scopus-com.proxy.undip.ac.id/citation/print.uri?origin=recordpage&sid=&src=s&statekey=ofd_1930244323&eid=2-s2.0-851483807...
- Yusuf, M. D., & Hardiyanto, S. (2025). Banjir Di Perum Dinar Indah Semarang Dan Usulan Peninggian Talud Sungai Babon.
- Zhang, D., Hu, H., Quan, B., & Wu, J. (2024). Study On The Intensity Of Ecological Land Changes In Seven Major Urban Agglomerations In The Yellow (Vol. 13402). https://www-scopus-com.proxy.undip.ac.id/citation/print.uri?origin=recordpage&sid=&src=s&statekey=ofd_1930244323&eid=2-s2.0-852128449...