DAFTAR PUSTAKA

Adlan Nadzir, Z., Simarmata, N., Kristi Agustina, L., Kies Welly, T., Terusan Ryacudu, J., Huwi, W., Jati Agung, K., & Lampung Selatan, K. (2021). *Identifikasi Permukiman Kumuh Dari Citra Pleiades Dengan Metode Maximum Likelihood Classification, Obia Dan Neural Network Classification Di Bumiwaras, Bandar Lampung*. Geomatika, 30(1), 33-34.

Aerts, J. C. J. H., & Heuvelink, G. B. M. (2002). Using simulated annealing for resource allocation. *International Journal of Geographical Information Science*, *16*(6), 571–587. https://doi.org/10.1080/13658810210138751

Alwan, B., R., S., & Muhibuddin, A. (2021). *Pemodelan Pola Perubahan Penggunaan Lahan Kawasan Perkotaan*. Pusaka Almaida.

Andalu, A., Naik, M. G., & Budde, S. (2025). Spatio-temporal analysis of land use and land cover (LULC) changes using an object-based image analysis (OBIA) approach: a case study of Telangana state agglomeration, India. *GeoJournal* , *90*(3). https://doi.org/10.1007/s10708-025-11394-6

Arifin, B. (2002). Prosiding Seminar Tekanan Penduduk, Degradasi Lingkungan dan Ketahanan Pangan. Dalam *Tekanan penduduk dan degradasi sumberdaya alam di tengah upaya pemulihan ekonomi* (hlm. 23–51).

Arsyad S. (2010). *Konservasi Tanah dan Air*. Penerbit IPB Press.

As-Syakur, A. R., Suarna, I. W., Adnyana, I. S., Rusna, I. W., Laksmiwati, I. A., & Diara, I. W. (2010). Studi perubahan penggunaan lahan di DAS Badung. . *Jurnal Bumi Lestari*, *10*(2), 200–207.

Badan Pusat Statistik (BPS) Kabupaten Klaten. (2016). *Kecamatan Jogonalan Dalam Angka Tahun 2016*. Badan Pusat Statistik (BPS) Kabupaten Klaten.

Badan Pusat Statistik (BPS) Kabupaten Klaten. (2020). . *Kecamatan Jogonalan Dalam Angka 2020*. Badan Pusat Statistik (BPS) Kabupaten Klaten.

Badan Pusat Statistik (BPS) Kabupaten Klaten. (2024). *Kecamatan Jogonalan Dalam Angka 2024*. Badan Pusat Statistik (BPS) Kabupaten Klaten.

Blaschke, T. (2010). Object based image analysis for remote sensing. *ISPRS Journal of Photogrammetry and Remote Sensing*, *65*(1), 2–16. https://doi.org/10.1016/J.ISPRSJPRS.2009.06.004

Congalton, R. G., & Green, K. (2009). *Assessing the accuracy of remotely sensed data: principles and practices* (2 ed.). CRC Press.

Dairina, I., Murti, S. H., & Harini, R. (2024). Comparing Pixel-based and Object-based Classification for Mapping Smallholders Rice Field Types Using Planetscope Imagery in Sekampung District, East Lampung, Indonesia. *IOP Conference Series: Earth and Environmental Science*, *1418*(1). https://doi.org/10.1088/1755-1315/1418/1/012001

Domingo, D., Palka, G., & Hersperger, A. M. (2021). Effect of zoning plans on urban land-use change: A multi-scenario simulation for supporting sustainable urban growth. *Sustainable Cities and Society*, *69*. https://doi.org/10.1016/j.scs.2021.102833

eCognition. (2007). *Ecognition Developer Reference Book (Ver 7.0.0.843)*. Trimble Germany GmbH, Arnulfstrasse 126.

Espindola, G. M., Camara, G., Reis, I. A., Bins, L. S., & Monteiro, A. M. (2006). Parameter selection for region-growing image segmentation algorithms using spatial autocorrelation. *International Journal of Remote Sensing*, *27*(14), 3035–3040. https://doi.org/10.1080/01431160600617194

Huang, K., Liu, X., Li, X., Liang, J., & He, S. (2013). An improved artificial immune system for seeking the Pareto front of land-use allocation problem in large areas. *International Journal of Geographical Information Science*, *27*(5), 922–946. https://doi.org/10.1080/13658816.2012.730147

Johannes Manalu, R., Sutanto, A., Bambang Trisakti Pusat Pemanfaatan Penginderaan Jauh Lembaga Penerbangan dan Antariksa Nasional Jl Kalisari Lapan No, dan, Rebo, P., & Timur, J. (2016). *Perbandingan Metode Klasifikasi Penutup Lahan Berbasis Piksel Dan Berbasis Obyek Menggunakan Data Pisar-L2 (Comparison Between Pixel-Based And Object-Based Methods For Land Cover Classification Using Pisar-L2 Data)*. https://directory.eoportal.org/web/eoportal/satellite-missions/a/alos-2

Kartasapoetra, A. G. (1990). *Kerusakan Tanah Pertanian dan Usaha Untuk Merehabilitasinya*. Bina Aksara.

Li, X., & Yeh, A. G. O. (2002). Neural-network-based cellular automata for simulating multiple land use changes using GIS. *International Journal of Geographical Information Science*, *16*(4), 323–343. https://doi.org/10.1080/13658810210137004

Liu, X., Liang, X., Li, X., Xu, X., Ou, J., Chen, Y., Li, S., Wang, S., & Pei, F. (2017). A future land use simulation model (FLUS) for simulating multiple land use scenarios by coupling human and natural effects. *Landscape and Urban Planning*, *168*, 94–116. https://doi.org/10.1016/j.landurbplan.2017.09.019

Mantra, I. B. (2007). *Demografi Umum*. Pustaka Pelajar.

Martin, P. L. (1993). *Trade and Migration: NAFTA and Agriculture*.

Munibah K, Sitorus SRP, Rustiadi E, Gandasasmita K, & Hartrisari. (2010). Dampak Perubahan Penggunaan Lahan Terhadap Erosi di DAS Cidanau, Banten. *Jurnal Tanah dan Iklim*, *32*, 55–65.

Murchacke, P. C. (1990). *Map Use Reading, Analysis and Interpretation* (J.P., Ed.). Publication Medison.

Noor, D. (2006). *Geologi Lingkungan*. Graha Ilmu.

Openshaw, S. (1998). Neural network, genetic, and fuzzy logic models of spatial interaction. Dalam *Environment and Planning A* (Vol. 30).

Pusat Bahasa. (2008). *Kamus Bahasa Indonesia*. Departemen Pendidikan Nasional.

Putra, A. A. A., & Satiawan, P. R. (2018). *Perumusan Faktor – Faktor Perubahan Penggunaan Lahan Akibat Pembangunan Jalan Tol Waru – Juanda di Kelurahan Tambakoso Kabupaten Sidoarjo*. *7*.

Qiang, Y., & Lam, N. S. N. (2015). Modeling land use and land cover changes in a vulnerable coastal region using artificial neural networks and cellular automata. *Environmental Monitoring and Assessment*, *187*(3). https://doi.org/10.1007/s10661-015-4298-8

Rasouli, A., Asgarova, M. M., & Safarov, S. H. (2021). Mapping of LC/LU changes inside the Aghdam district of the Karabakh omics region applying object-based satellite image analysis. *Journal of Life Sciences and Biomedicine of ANAS*, *2*(2), 69–70. https://doi.org/10.29228/jlsb.22

Rasouli, A., Milani, M., & Milani, B. (2021). *Mastering Object-Based Image Analysis*. www.iksadyayinevi.com

Ritohardoyo, S. (2013). *Pengunaan dan tata guna lahan*. Penerbit Ombak.

Saputra, M. H., & Lee, H. S. (2019). Prediction of land use and land cover changes for North Sumatra, Indonesia, using an artificial-neural-network-based cellular automaton. *Sustainability (Switzerland)*, *11*(11). https://doi.org/10.3390/su11113024

Sitorus, S. R. (2017). *Perencanaan Penggunaan Lahan*. PT Penerbit IPB Press.

Sitorus SRP. (2004). *Evaluasi Sumberdaya Lahan*. Penerbit TARSITO.

Undang-Undang Republik Indonesia Nomor 38 Tentang Jalan, Sekretariat Negara Republik Indonesia (2004).

Wang, S. Q., Zheng, X. Q., & Zang, X. B. (2012). Accuracy assessments of land use change simulation based on Markov-cellular automata model. *Procedia Environmental Sciences*, *13*, 1238–1245. https://doi.org/10.1016/J.PROENV.2012.01.117

Wang, Z., Li, X., Mao, Y., Li, L., Wang, X., & Lin, Q. (2022). Dynamic simulation of land use change and assessment of carbon storage based on climate change scenarios at the city level: A case study of Bortala, China. *Ecological Indicators*, *134*, 108499. https://doi.org/10.1016/J.ECOLIND.2021.108499

Witharana, C., & Civco, D. L. (2014). Optimizing multi-resolution segmentation scale using empirical methods: Exploring the sensitivity of the supervised discrepancy measure Euclidean distance 2 (ED2). *ISPRS Journal of Photogrammetry and Remote Sensing*, *87*, 108–121.

Wu, X., Shen, Z., Liu, R., & Ding, X. (2008). Land use/cover dynamics in response to changes in environmental and socio-political forces in the upper reaches of the Yangtze river, China. *Sensors*, *8*(12), 8104–8122. https://doi.org/10.3390/s8128104

Xu, T., Gao, J., & Coco, G. (2019). Simulation of urban expansion via integrating artificial neural network with Markov chain–cellular automata. *International Journal of Geographical Information Science*, *33*(10), 1960–1983. https://doi.org/10.1080/13658816.2019.1600701

Zhang, M., Chen, E., Zhang, C., Liu, C., & Li, J. (2024). Multi-Scenario Simulation of Land Use Change and Ecosystem Service Value Based on the Markov–FLUS Model in Ezhou City, China. *Sustainability (Switzerland)*, *16*(14). https://doi.org/10.3390/su16146237

Zhu, K., Zhou, Q., Cheng, Y., Zhang, Y., Li, T., Yan, X., Alimov, A., Farmanov, E., & Dávid, L. D. (2023). Regional sustainability: Pressures and responses of tourism economy and

ecological environment in the Yangtze River basin, China. *Frontiers in Ecology and Evolution*, *11*. https://doi.org/10.3389/fevo.2023.1148868

Zhu, K., Zhou, Q., Cheng, Y., Zhang, Y., Li, T., Yan, X., Alimov, A., Farmanov, E., & Dénes Dávid, L. (2023). *Regional sustainability: Pressures and responses of tourism economy and ecological environment in the Yangtze River basin, China*. https://doi.org/10.3389/fevo.2023.1148868