

DAFTAR PUSTAKA

- Aryastana, P., Widya, I. G. N. A., Dana, G. W. P., Suyasa, I. P. S., & Tamara, W. W. A. (2023). Estimasi perubahan tutupan lahan dengan menggunakan normalized difference vegetation index (NDVI) di Kabupaten Klungkung Provinsi Bali. *Jurnal Teknik Gradien*, 15(01), 45-51.
- Nuriawan, I. N. A. (2024). Analisa Project Life Cycle Pembangunan Kawasan Wisata Pusat Kebudayaan Bali Di Klungkung. *PARIWISATA BUDAYA: JURNAL ILMIAH PARIWISATA AGAMA DAN BUDAYA*, 9(1), 55-65.
- Hakim, L., Rochima, E., & Wyantuti, S. (2021). Implementasi Kebijakan dan Realisasi Rencana Tata Ruang Kec. Garut Kota di Kab. Garut: Studi Analisis Kebijakan. *Jurnal Ekonomi dan Kebijakan Publik*, 12(2), 163-175.
- Adrian, A., Widiatmaka, W., Munibah, K., & Firmansyah, I. Pola Spasial Perubahan Tutupan Lahan/Penggunaan Lahan Menggunakan Google Earth Engine di Kabupaten Majalengka. *Jurnal Pembangunan Wilayah dan Kota*, 19(4), 447-463.
- Irwan, I., Sanusi, W., Anwar, A. S., & Rahman, A. (2023). The Implementation of Spatial Model with K-Means Clustering Method to Cluster Flood Affected Areas in Bone Regency. *ARRUS Journal of Social Sciences and Humanities*, 3(2), 186-195.
- Gaur, S., & Singh, R. (2023). A comprehensive review on land use/land cover (LULC) change modeling for urban development: current status and future prospects. *Sustainability*, 15(2), 903.
- Ramadhani, S., & Azzahra, D. (2022). Comparison of K-Means and K-Medoids Algorithms in Text Mining based on Davies Bouldin Index Testing for Classification of Student's Thesis. *Digital Zone: Jurnal Teknologi Informasi dan Komunikasi*, 13(1), 24-33.
- Weng, Q. (2012). Remote sensing of impervious surfaces in the urban areas: Requirements, methods, and trends. *Remote Sensing of Environment*, 117, 34-49.
- Lu, D., Li, G., Kuang, W., & Moran, E. (2014). Methods to extract impervious surface areas from satellite images. *International Journal of Digital Earth*, 7(2), 93-112.
- Xue, J., & Su, B. (2017). Significant remote sensing vegetation indices: A review of developments and applications. *Journal of sensors*, 2017(1), 1353691.
- Batta, V. (2024). Machine Learning. *International Journal of Advanced Research in Science, Communication and Technology*, 583-591.
- Louridas, P., & Ebert, C. (2016). Machine learning. *IEEE Software*, 33(5), 110-115.
- Fayyad, U., Piatetsky-Shapiro, G., & Smyth, P. (1996). From data mining to knowledge discovery in databases. *AI magazine*, 17(3), 37-37.

- Li, X., & Tan, H. (2020). K-Means Algorithm Based on Initial Cluster Center Optimization. In *Cyber Security Intelligence and Analytics: Proceedings of the 2020 International Conference on Cyber Security Intelligence and Analytics (CSIA 2020)*, Volume 1 (pp. 310-316). Springer International Publishing.
- Luo, M., Yuan, Y., & Wang, K. (2021). An initial clustering center optimization method based on neighbourhood density for K-means. In *Journal of Physics: Conference Series* (Vol. 1748, No. 3, p. 032016). IOP Publishing.
- Siregar, P. P., Solikhun, S., & Siregar, Z. A. (2022). Penerapan Metode K-Means Dalam Mengelompokkan Persebaran Lahan Kritis Di Indonesia Berdasarkan Provinsi. *Resolusi: Rekayasa Teknik Informatika dan Informasi*, 2(4), 145-151.
- Wafdan, L. (2021, February). Accuracy Assessment of Land Use/Land Cover Classification Data from Sentinel-2 & ASTER Imagery Interpretation using Unsupervised Classification Algorithm. In *Proceeding International Conference on Science and Engineering* (Vol. 4, pp. 229-234).
- Kharat, V., Khatdeo, S., Kothe, H., Kshirsagar, R., Dixit, M., & Balan, M. S. (2023). Land cover clustering and classification of satellite images. In *ITM Web of Conferences* (Vol. 56, p. 02004). EDP Sciences.
- Utari, D. T. (2021). Analisis Karakteristik Wilayah Transmisi Covid-19 Dengan Menggunakan Metode K-Means Clustering. *Jurnal Media Teknik Dan Sistem Industri*, 5(1), 25-32.
- Andi, A., Juliandy, C., & David, D. (2023). Clustering Analysis of Tweets About COVID-19 Using the K-Means Algorithm. *Sinkron: jurnal dan penelitian teknik informatika*, 7(1), 543-533.
- Achray, A. A. (2020). IMPLEMENTASI ALGORITMA K-MEANS UNTUK MENGELOMPOKKAN DATA PENJUALAN MOBIL DI PT. HONDA ARISTA MANGGA DUA (Doctoral dissertation, Universitas Satya Negara Indonesia).
- Maori, N. A., & Evanita, E. (2023). Metode elbow dalam optimasi jumlah cluster pada k-means clustering. *Simetris: Jurnal Teknik Mesin, Elektro dan Ilmu Komputer*, 14(2), 277-288.
- Liu, F., & Deng, Y. (2020). Determine the number of unknown targets in open world based on elbow method. *IEEE Transactions on Fuzzy Systems*, 29(5), 986-995.
- Jolliffe, I. T., & Cadima, J. (2016). Principal component analysis: a review and recent developments. *Philosophical transactions of the royal society A: Mathematical, Physical and Engineering Sciences*, 374(2065), 20150202.
- Nakar, D. (2019). Sentinel-2: Multispectral Instrument (MSI) design and system performance

- Putri, R. A., & Sibarani, R. (2023). Analisis Tutupan Lahan Menggunakan Google Earth Engine Dan Citra Landsat 8 OLI:(Studi Kasus Kabupaten Belitung Timur). *JUPITER: Jurnal Penelitian Ilmu dan Teknologi Komputer*, 15(2), 1031-1042.
- Putri, E. S., Sari, A. W., Karim, R. A., Somantri, L., & Ridwana, R. (2021). Pemanfaatan Citra Sentinel-2 Untuk Analisis Vegetasi Di Wilayah Gunung Manglayang. *Jurnal Pendidikan Geografi Undiksha*, 9(2), 133-143.
- Han, J.W., Kamber, M. and Pei, J. (2012) Data Mining Concepts and Techniques. 3rd Edition, Morgan Kaufmann Publishers, Waltham.
- Shearer, C. (2000). The CRISP-DM model: the new blueprint for data mining. *Journal of data warehousing*, 5(4), 13-22.
- SAS Institute Inc. (2017). *SAS Enterprise Miner: Reference Help*. SAS Documentation.
- Wirth, R., & Hipp, J. (2000, April). CRISP-DM: Towards a standard process model for data mining. In *Proceedings of the 4th international conference on the practical applications of knowledge discovery and data mining* (Vol. 1, pp. 29-39).
- Feizizadeh, B., Omarzadeh, D., Kazemi Garajeh, M., Lakes, T., & Blaschke, T. (2023). Machine learning data-driven approaches for land use/cover mapping and trend analysis using Google Earth Engine. *Journal of Environmental Planning and Management*, 66(3), 665-697.
- Kurniawan, H. P., & Farhatuaini, L. (2024). Identifikasi Pola Kepuasan Mahasiswa Terhadap Proses Pembelajaran Menggunakan Algoritma K-Means Clustering. *Jurnal Informatika: Jurnal Pengembangan IT*, 9(2), 164-172.
- Idrus, A. (2022). Distance analysis measuring for clustering using k-means and davies bouldin index algorithm. *TEM Journal*, 11(4), 1871-1876.
- Ashari, I. F., Banjarnahor, R., Farida, D. R., Aisyah, S. P., Dewi, A. P., & Humaya, N. (2022). Application of data mining with the K-means clustering method and Davies Bouldin index for grouping IMDB movies. *Journal of Applied Informatics and Computing*, 6(1), 07-15.
- Han, S., & Lee, J. (2023). Parallelized inter-image k-means clustering algorithm for unsupervised classification of series of satellite images. *Remote Sensing*, 16(1), 102.
- Vitale, A., Salvo, C., & Lamonaca, F. (2024, June). A Novel Geospatial Methodology for Measuring and Mapping Spatiotemporal Built-Up Dynamics Based on Google Earth Engine and Unsupervised K-Means Clustering of Multispectral Satellite Imagery. In *2024 IEEE International Workshop on Metrology for Living Environment (MetroLivEnv)* (pp. 57-62). IEEE.

- Paluba, D., Papale, L. G., Laštovička, J., Perivolioti, T. M., Kalaitzis, P., Mouratidis, A., ... & Štych, P. (2024). Tracking burned area progression in an unsupervised manner using Sentinel-1 SAR data in Google Earth Engine. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*.
- Rodríguez González, K. D., Arista Cázares, L. E., & Yépez Rincón, F. D. (2024). Spatiotemporal land use land cover (LULC) change analysis of urban narrow river using Google Earth Engine and Machine learning algorithms in Monterrey, Mexico. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 10, 371-375.
- Pratama, A., Irawan, M. D., & Andriana, S. D. (2024). Implementation of K-Means clustering in recognizing crime hotspots and traffic issues through GIS. *Journal of Computer Networks, Architecture and High Performance Computing*, 6(2), 771-782.