

DAFTAR PUSTAKA

- Abdillah, M. Z., Nawangnugraeni, D. A., Hakim, A., & Yuniarto, P. (2021). Geographic Information System(GIS) for Mapping Greenpark Using LeafletJS. *Jurnal Teknik Informatika Kaputama (JTIK)*, 5(2).
- Ahmadi, A., & Hartati, S. (2013). Penerapan Fuzzy C-Means dalam Sistem Pendukung Keputusan untuk Penentuan Penerima Bantuan Langsung Masyarakat (BLM) PNPM-MPd (Studi Kasus PNPM-MPd Kec. Ngadirojo Kab. Pacitan). *Bimipa*, 23(3), 264–273.
- Arinda, T. S. (2021). *Klastering wilayah provinsi berdasarkan data persebaran Covid-19 di Indonesia menggunakan metode fuzzy cluster* (Doctoral dissertation, Universitas Islam Negeri Maulana Malik Ibrahim).
- Aronoff, S. (1989). Geographic information systems: A management perspective. *Geocarto International*, 4(4), 58–58. <https://doi.org/10.1080/10106048909354237>.
- Badan Pusat Statistik. 2022. *Hasil Sensus Penduduk Periode 2020*. Badan Pusat Statistika Provinsi Sumatera Utara.
- Bolstad, P. (2016). *GIS Fundamental: A First Text on Geographic Information Systems* (5th Edition ed.). University of Minnesota - St. Paul: XanEdu. From <http://www.paulbolstad.net/gisbook.html>
- Brooks, D. R. (2007). *an Introduction to HTML and JavaScript: for Scientists and Engineers*. Springer Science & Business Media.
- Damayanti, I. (2020). Sistem Informasi Geografis Peta Sebaran Covid-19. *Jurnal Pengabdian Kepada Masyarakat Maju Uda*. 46–55.
- Dewi, D. A. I. C., & Pramita, D. A. K. (2019). Analisis Perbandingan Metode Elbow dan Silhouette pada Algoritma Clustering K-Medoids dalam Pengelompokan Produksi Kerajinan Bali. *Matrix : Jurnal Manajemen Teknologi Dan Informatika*, 9(3), 102–109. <https://doi.org/10.31940/matrix.v9i3.1662>
- Djalante, R., Lassa, J., Setiamarga, D., Sudjatma, A., Indrawan, M., Haryanto, B., Mahfud, C., Sinapoy, M. S., Djalante, S., Rafliana, I., Gunawan, L. A., Surtiari, G. A. K., & Warsilah, H. (2020). Review and analysis of current responses to COVID-19 in Indonesia: Period of January to March 2020. *Progress in Disaster Science*, 6. <https://doi.org/10.1016/j.pdisas.2020.100091>.
- Dwi Ekho Restu, Eng Aryuanto Soetedjo, K. S. (2018). Sistem Peminjaman Barang Dan Peralatan Di Laboratorium Elektro ITN Malang Berbasis RFID (Radio Frequency Identification). *JURNAL (INTECOMS)*, 2(1), 21-29.

- Eska, J. (2018). Geographic Information System Pemetaan Bengkel Sepeda Motor Di Kota Kisaran Berbasis Web. *Journal of Science and Social Research*, 1(2), 97–102.
- Fu, P. (2018). *Getting to Know Web GIS* (Third Edition ed.). United Kingdom: Esri Press
- Gangwar, H. S., & Ray, P. C. (2021). Geographic information system-based analysis of COVID-19 cases in India during pre-lockdown, lockdown, and unlock phases. *International Journal of Infectious Diseases*, 105, 424-435.
- Grekousis, G., Wang, R., & Liu, Y. (2021). Mapping the geodemographics of racial, economic, health, and COVID-19 deaths inequalities in the conterminous US. *Applied Geography*, 135, 102558.
- Hardiyanti, M., Utami, Y. R. W., & Saptomo, W. L. Y. (2018). Pemetaan Daerah Berpotensi Transmigran Di Kecamatan Kartasura Dengan Metode Fuzzy C-Means (Fcm) Clustering. *Jurnal Teknologi Informasi Dan Komunikasi (TIKomSiN)*, 6(1). <https://doi.org/10.30646/tikomsin.v6i1.347>
- Hasanah, U., & Latiffani, C. (2020). International Conference on Social, Sciences and Information Technology. *European Journal of Science and Technology*, 4509(1), 1–7.
- Hathaway, R. J., & Bezdek, J. C. (2001). FCM clustering of incomplete data. *Cybernetics*, 31(5), 735.<https://pdfs.semanticscholar.org/b9f0/7a272c1a7ac981d8b88889bc100442f26db3.pdf>
- Hussein, L., & Hussein, K. Q. (2021). *Employing Green Mobile Cloud Computing to Reduce Mobile Phone Storage and CPU Consumption*. 12(14), 711–720.
- Kaufman, L., &, & Rousseeuw¹, P. J. (1990). Finding Groups in Data: An Introduction to Cluster Analysis. In *John Wiley & Sons, Inc* (Issue August).
- Kementerian Kesehatan RI. (2022). *Stock Vaksin Kemkes*, [Online]. Available: <https://vaksin.kemkes.go.id/#/provinces> Februari 2022].
- Komite Penanganan COVID-19 dan Pemulihan Ekonomi Nasional. Data COVID-19 di Indonesia di Update 5 Juli 2021; 2021. Tersedia dari <https://covid19.go.id>.
- Komite Penanganan COVID-19 dan Pemulihan Ekonomi Nasional. Situasi Covid-19 : Tentang Data. <https://covid19.go.id>[diakses Agustus 2022].
- Marwan, F., & Hidayat, D. (2020). Sistem Informasi Pemetaan Dan Penyuluhan Covid-19 Pada Dinas Komunikasi Dan Informatika Kabupaten Labuhanbatu Utara. *SNASTIKOM*, 431–436. <http://prosiding.snastikom.com/index.php/SNASTIKOM2020/article/view/95>.

- Meer, M. S., & Mishra, A. K. (2021). GIS approach for mapping novel coronavirus in northern state of India, Jammu and Kashmir. *Environmental Earth Sciences*, 80(17), 1–7. <https://doi.org/10.1007/s12665-021-09856-4>.
- Nixon, R. (2021). *Learning PHP, MySQL, & JavaScript*. "O'Reilly Media, Inc".
- Nursofwa, R. F., Sukur, M. H., Kurniadi, B. K., & . H. (2020). Penanganan Pelayanan Kesehatan Di Masa Pandemi Covid-19 Dalam Perspektif Hukum Kesehatan. *Inicio Legis*, 1(1), 1–17. <https://doi.org/10.21107/il.v1i1.8822>.
- Nurdin, N., Fitriani, S., Yunizar, Z., & Bustami, B. (2022). Clustering the Distribution of COVID-19 in Aceh Province Using the Fuzzy C-Means Algorithm. *JTAM (Jurnal Teori dan Aplikasi Matematika)*, 6(3), 665–677.
- Peta, M., Pasien, P., Kombinasi, C.-D., & Fahri, M. U. (2020). *Jurnal Teknologi Terpadu Journal of Integrated Technology*. 6(1), 25–30.
- R. Astrini dan P. Oswald. *Modul Pelatihan Quantum GIS Tingkat Dasar Untuk Pemetaan Evakuasi Tsunami, Mataram, GIZ DeCGG dan BAPPEDA Provinsi NTB*, 2012.
- Razavi-Termeh, S. V., Sadeghi-Niaraki, A., & Choi, S. M. (2022). Coronavirus disease vulnerability map using a geographic information system (GIS) from 16 April to 16 May 2020. *Physics and Chemistry of the Earth, Parts A/B/C*, 126, 103043.
- Relan, K. (2019). Building REST APIs with Flask. In *Building REST APIs with Flask*. <https://doi.org/10.1007/978-1-4842-5022-8>
- Rezaei, M., Nouri, A. A., Park, G. S., & Kim, D. H. (2020). Application of geographic information system in monitoring and detecting the COVID-19 outbreak. *Iranian Journal of Public Health*, 49, 114–116. <https://doi.org/10.18502/ijph.v49is1.3679>.
- Riandi, B. (2009). *Menentukan pelabelan graceful pada graf lintasan (Pn) dengan panjang n Menggunakan Program PHP dan Javascript*.
- Rizki Latifah Hanum, Hardian Oktavianto, R. U. (2018). 1 , 2 , 3. Rizki Latifah Hanum, Hardian Oktavianto, R. U. (2018). *PENGELOMPOKAN KECAMATAN DI KABUPATEN JEMBER BERDASARKAN PERSEDIAAN ALAT KONTRASEPSI MENGGUNAKAN ALGORITMA FUZZY C-MEANS DAN METODE ELBOW*.
- Rondonuwu, J., Hartomo, K. D., & Chernovita, H. P. (2020). Geographic Information System for Mapping the Spread of COVID-19 in the city of Salatiga. *Journal Of Applied Geospatial Information*, 4(2), 403-412.

- Sari Sai, S. (2007). Pembuatan Program Aplikasi WebGIS Menggunakan Bahasa Pemrograman Open Source Mapserver dan PostgreSQL. *Spectra*, VII(13), 71–86.
- Siregar, Y. S., & Harliana, P. (2018). Analisa Perancangan Fuzzy C-Means dalam Menentukan Dosen Pembimbing Tugas Akhir. *Sinkron: jurnal dan penelitian teknik informatika*, 3(1), 181-185.
- Sidik, B. *Pemrograman Web dengan PHP*, Bandung: Informatika, 2017.
- Sumut Tanggap. (2022). SUMUT Tanggap Covid-19 - Berita Terbaru SUMUT Covid-19: <https://covid19.sumutprov.go.id/> [diakses Februari 2022].
- Susilo, A., Rumende, C. M., Pitoyo, C. W., Santoso, W. D., Yulianti, M., Herikurniawan, H., Sinto, R., Singh, G., Nainggolan, L., Nelwan, E. J., Chen, L. K., Widhani, A., Wijaya, E., Wicaksana, B., Maksum, M., Annisa, F., Jasirwan, C. O. M., & Yunihastuti, E. (2020). Coronavirus Disease 2019: Tinjauan Literatur Terkini. *Jurnal Penyakit Dalam Indonesia*, 7(1), 45. <https://doi.org/10.7454/jpdi.v7i1.415>.
- Utama, Integra. 2014. *GIS (Geographic Information System)* (Diakses 22 Februari 2022) <http://integrasiautama.com/gis-geographic-information-system/>.
- Weng, L. M., Su, X., & Wang, X. Q. (2021). Pain symptoms in patients with coronavirus disease (COVID-19): a literature review. *Journal of Pain Research*, 14, 147.
- WHO, 2020. *Coronavirus disease (COVID-19) pandemic*. World Health Organization: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/> [diakses Desember 2021].