

DAFTAR PUSTAKA

- Afifah, A. N. (2023). *Penerapan Dashboard Strategis untuk Mendukung Strategi Pemasaran pada PT. Jayaland Sidoarjo*.
- Akumu, A. K. M. (2018). *The Use Of Linear Referencing In Mapping Of Roads Case Study: Machakos Turnoff-Syongila (C97) Road*.
<http://erepository.uonbi.ac.ke/handle/11295/106717>
- Alabdulaali, A., Asif, A., Khatoun, S., & Alshamari, M. (2022). Designing Multimodal Interactive Dashboard of Disaster Management Systems. *Sensors 2022, Vol. 22, Page 4292, 22(11), 4292*. <https://doi.org/10.3390/S22114292>
- Albi, F. (2024). *Studi Perbandingan Perencanaan Desain Geometrik dan Perkerasan Jalan Tol Berdasarkan Metode Bina Marga dan Austroads (Studi Kasus Jalan Tol Gedebage - Tasikmalaya - Cilacap Exit Tol Garut Selatan – Singaparna STA. 72+000 – STA. 82+000)*.
- Alotaibi, S., Alomair, H., & Elhusein, M. (2019). Comparing performance of commercial cloud storage systems: The case of dropbox and one drive. *2019 International Conference on Computer and Information Sciences, ICCIS 2019*.
<https://doi.org/10.1109/ICCISCI.2019.8716385>
- Badan Pusat Statistik. (2015, Mei 5). *Pertumbuhan Ekonomi Indonesia Triwulan I 2015 tumbuh 4,71 Persen - Badan Pusat Statistik Indonesia*.
<https://www.bps.go.id/id/pressrelease/2015/05/05/1143/pertumbuhan-ekonomi-indonesia-triwulan-i-2015-tumbuh-4-71-persen.html>
- Basuki, H. (2015). *Peraturan Menteri Pekerjaan Umum Dan Perumahanrakyat Republik Indonesia*.
- Chi, M., Plaza, A., Benediktsson, J. A., Sun, Z., Shen, J., & Zhu, Y. (2016). Big Data for Remote Sensing: Challenges and Opportunities. *Proceedings of the IEEE, 104(11), 2207–2219*. <https://doi.org/10.1109/JPROC.2016.2598228>
- Dagle, M., & Oppman, S. (2022). *ESRI. (2022). ArcGIS Enterprise for Infrastructure Management. Available at: www.esri.com*. Esri Southeast User Conference.
<https://www.esri.com/content/dam/esrisites/en-us/events/conferences/2022/southeast-uc/arcgis-solutions-for-infrastructure.pdf>

- Delarami, M., Zarrini, H., Mohammad Gheimasi, M. H., Abdollahi, S., Mirzaei, R., & Karimi, M. (2024). Analysis and Rooting of HSE Incidents in Process Industries Using the Combined Method of Tripod-Beta and SCAT (Case study: South Pars Gas Refineries). *Journal of Environmental Science Studies*, 9(3), 9113–9103. <https://doi.org/10.22034/JESS.2023.406865.2080>
- Departemen Pekerjaan Umum. (1983). *Manual Pemeliharaan Jalan: Jilid IA Perawatan Jalan*. Departemen Pekerjaan Umum. https://binamarga.pu.go.id/otomasi9/index.php?p=show_detail&id=21342&keywords=
- Dowding, D., Merrill, J. A., Barrón, Y., Onorato, N., Jonas, K., & Russell, D. (2019). *Usability Evaluation of a Dashboard for Home Care Nurses*. <https://doi.org/10.1097/CIN.0000000000000484>
- Downey, A. (2015). *Think Python How to Think Like a Computer Scientist 2nd Edition, Version 2.4.0*. <http://www.thinkpython.com>
- Esri. (2024). *Supported HTML—ArcGIS Online Help | Documentation*. doc.arcgis.com. <https://doc.arcgis.com/en/arcgis-online/reference/supported-html.htm>
- ESRI. (2020). *Measurement widget—Portal for ArcGIS | Documentation for ArcGIS Enterprise*. <https://enterprise.arcgis.com/en/portal/10.6/use/widget-measurement.htm>
- ESRI. (2025a). *ArcGIS Dashboards | Esri Indonesia*. <https://esriindonesia.co.id/arcgis-Dashboards>
- ESRI. (2025b). *Create a Dashboard—ArcGIS Dashboards | Documentation*. <https://doc.arcgis.com/en/Dashboards/latest/get-started/create-a-Dashboard.htm>
- Fesshaye, B., Pandya, S., Kan, L., Kalbarczyk, A., Alland, K., Rahman, M., Bulbul, I., Mustaphi, P., Abu, M., Siddique, B., Tanim, A., Chowdhury, M., Rumman, T., & Labrique, A. B. (2021). *Quality, Usability, and Trust Challenges to Effective Data Use: Experiences Surrounding the Deployment and Use of the Bangladesh Nutrition Information System Dashboard*. <https://doi.org/10.2196/48294>

- Hennig, S., Vogler, R., & Pánek, J. (2023). Survey123 for ArcGIS online. *Evaluating Participatory Mapping Software*, 167–188. https://doi.org/10.1007/978-3-031-19594-5_8
- Hermawan, I., Nugroho, D., Suhendra, I., Wiranata, H., Wahyu Karim, R. T., Widya Astuti, A., Silaen, B., & Eka Wicaksono, D. (2021). Implementasi Mobile Laser Scanner untuk Penilaian International Roughness Index (Iri) Jalan Tol Trans Sumatera. Dalam *Prosiding FIT ISI* (Vol. 1).
- Hermawan, I., Nugroho, D., Wiranata, H., & Widya ASTUTI, A. (2022). *Thematic Geoportal Dashboard Connectivity to Optimize Planning Phase of Trans Sumatera Toll Road*.
- Huang, C., Wang, Y., Sun, X., & Yang, S. (2024). Research on Digital Terrain Construction Based on IMU and LiDAR Fusion Perception. *Sensors* 2025, Vol. 25, Page 15, 25(1), 15. <https://doi.org/10.3390/S25010015>
- Hutama Karya. (2024a). *Aset Tag Jalan Tol Trans Sumatera*.
- Hutama Karya. (2024b). Standarisasi Shapefile. *Arsip Perusahaan PT Hutama Karya (Persero)*.
- Hutama Karya. (2024c, Desember 26). *Hutama Karya Catat Lonjakan Trafik Kendaraan di Jalan Tol Trans Sumatera (JTTS) Selama Libur Nataru 2024/2025 - PT Hu...* hutamakarya.com. <https://www.hutamakarya.com/hutama-karya-catatlonjakan-trafik-kendaraan-di-jalan-tol-trans-sumatera-jtts-selama-liburnataru-20242025>
- Hutama Karya. (2025, Januari 8). *Kaleidoskop 2024: 1.042 Km Jalan Tol Trans Sumatera dan Inovasi Digital, Wujudkan Asta Cita - PT Hutama Karya (Persero)...* hutamakarya.com. <https://www.hutamakarya.com/kaleidoskop-2024-1042-km-jalan-tol-trans-sumatera-dan-inovasi-digital-wujudkan-asta-cita>
- Hutto, A., Zikry, T. M., Bohac, B., Rose, T., Staebler, J., Slay, J., Cheever, C. R., Kosorok, M. R., & Nash, R. P. (2024). Using a natural language processing toolkit to classify electronic health records by psychiatric diagnosis. *Health informatics journal*, 30(4). <https://doi.org/10.1177/14604582241296411>

- Johnson, S., Bethel, J., Supunyachotsakul, C., & Peterson, S. (2016). *Laser Mobile Mapping Standards and Applications in Transportation*.
<https://doi.org/10.5703/1288284316164>
- Kerski, J. (2019). *Using Survey123 for ArcGIS for Instruction and Research*.
- Klingman, P. (2024, November 19). *Access attributes from another layer with ArcGIS Arcade* | *Documentation*. [learn.arcgis.com](https://learn.arcgis.com/en/projects/access-attributes-from-another-layer-with-arcade/).
<https://learn.arcgis.com/en/projects/access-attributes-from-another-layer-with-arcade/>
- Kumar Bommana, B., & Wang, H. (2016). *Towards Reliable User Collaboration over Cloud-based File Synchronization System: Dropbox as a Case Study*.
<https://hdl.handle.net/11299/182704>
- Li, Z., Tang, W., Huang, Q., Shook, E., & Guan, Q. (2020). *Big Data Computing for Geospatial Applications*. *International Journal of Geo-Information*.
www.mdpi.com/journal/ijgi
- Marković, M., Manojlovic, M. D., Vujinovic, M., & Batilovic, M. (2024, Maret 9). *Advancements in Road Markings Detection Using Mobile Mapping Scanner-Derived Point Cloud*. <https://www.researchgate.net/publication/378862875>
- Masayu, E. (2020). Analisis Perancangan Sistem Informasi Manajemen Aset PT. Multi Traktor Utama Berbasis Java. *Bit (Fakultas Teknologi Informasi Universitas Budi Luhur)*, 16(2), 29–34. <https://doi.org/10.36080/BIT.V16I2.922>
- Nakamura, H., Nagasawa, K., Hiraishi, K., Hasegawa, A., Ram, S., Kim, C. J., & Xu, K. (2019). *Principles of Infrastructure Case Studies and Best Practices Asian Development Bank Institute*.
- Nanda, D. A. (2023, Mei 3). *Jalan Tol: Perkuat Konektivitas Negeri, Meningkatkan Pertumbuhan Ekonomi*. Direktorat Jenderal Kekayaan Negara .
<https://www.djkn.kemenkeu.go.id/artikel/baca/16094/Jalan-Tol-Perkuat-Konektivitas-Negeri-Meningkatkan-Pertumbuhan-Ekonomi.html>
- Prasetyo, D. Y. (2023). *Pengembangan Aplikasi WebGIS Jalan Tol Trans Sumatera untuk Efisiensi Visualisasi Jalan Tol di Sumatera* [Universitas Gadjah Mada].
<https://etd.repository.ugm.ac.id/penelitian/detail/228879>

- Pravallika, K., Sisira, P. S., Rishitha, M. N. S., & Ravi, P. (2024). *Dashboard for Real-Time Monitoring of Road Construction Projects. International Journal Of Engineering Innovations And Management Strategies, 1(6).*
- Raharjo, S., Prayuda, R., & Istianda, M. (2024). The Implications of the Pekanbaru–Dumai Toll Road Construction Policy on the Socio-Economic Conditions of the Communities of the Bukit Kapur District, Dumai City. *Jurnal Indonesia Sosial Teknologi, 5(7)*, 3305–3313. <https://doi.org/10.59141/JIST.V5I7.1235>
- Ramalho, L. (2022). *Fluent Python*. O’Reilly Media. https://elmoukrie.com/wp-content/uploads/2022/05/luciano-ramalho-fluent-python_-clear-concise-and-effective-programming-oreilly-media-2022.pdf
- Rodrigue, J. P., Comtois, C., & Slack, B. (2016). The geography of transport systems. *The Geography of Transport Systems*, 1–440. <https://doi.org/10.4324/9781315618159/geography-transport-systems-jean-paul-rodrigue/accessibility-information>
- Ruheili, A. M. , Al, & Wardy, M. Al. (2023). The Role of Geographic Information System in Environmental Planning and Management in Oman. *International Journal of Membrane Science and Technology, 10(3)*, 869–877. <https://doi.org/10.15379/IJMST.V10I3.1607>
- Safitri, M., & Nirmala, D. (2019). Aplikasi Inventory Manajemen Aset Berbasis Web. *IJCIT (Indonesian Journal on Computer and Information Technology, 4(1)*, 21–26.
- Sakib, N. (2024). *Road Design Guideline considering ThreeWheeler Slow-Moving Vehicles (Tri-SMV) for Urban and Rural Roads of Bangladesh.*
- Sekretariat Badan Pengatur Jalan Tol. (2021). *Laporan Akuntabilitas Kinerja Instansi Pemerintah 2021 Lakip.*
- Setyadi, W., Nurhadryani, Y., & Hermadi, I. (2024). Pengembangan Sistem Manajemen Data Spasial Aset Jalan Tol (Studi Kasus Ruas Jalan Tol Bakauheni-Terbanggi Besar). *JGISE: Journal of Geospatial Information Science and Engineering, 7(1)*, 62. <https://doi.org/10.22146/JGISE.97651>

- Soilán, M., Nóvoa, A., Sánchez-Rodríguez, A., Justo, A., & Riveiro, B. (2021). Fully automated methodology for the delineation of railway lanes and the generation of IFC alignment models using 3D point cloud data. *Automation in Construction*, 126, 103684. <https://doi.org/10.1016/J.AUTCON.2021.103684>
- Sulistiani, H., Hamidy, F., & Studi Sistem Informasi Akuntansi, P. (2021). Sistem Informasi Manajemen Aset dan Keuangan. *Jurnal Ilmiah Sistem Informasi Akuntansi (JIMASIA)*, 1(2), 7–15.
- Weatherford, M., Schroeder, J., Okunief, P., & Wu, J. (2024). *Managing Traffic Management System Asets*. Federal Highway Administration.
- Yaakub, S., Devitra Sekolah Tinggi Ilmu Komputer Dinamika Bangsa Jambi, J., Sistem Informasi, M., Alamat, J., Jendral Sudirman, J., & -Jambi, T. (2017). Analisis Pemodelan Sistem Informasi Manajemen Aset Berbasis Web pada Politeknik Jambi. *Jurnal Manajemen Sistem Informasi*, 2(3). <https://doi.org/10.11591/jurnalmsi.v12i4.xxxx>
- Yunita, I., Devitra, J., Informasi, M. S., Dinamika, S., Jambi, B., Jendral, J., & Thehok -Jambi, S. (2017). Analisis Dan Perancangan Sistem Informasi Manajemen Aset Pada Smk Negeri 4 Kota Jambi. *Jurnal Manajemen Sistem Informasi*, 2(1). <https://doi.org/10.11591/jurnalmsi.v12i4.xxxx>