

DAFTAR PUSTAKA

- Abutahoun, A., Alhadidi, T., Saada, N., & Abutahoun, B. (2025). Queue length estimation for signal controlling in a connected environment. *Expert Systems with Applications*, 273. <https://doi.org/10.1016/j.eswa.2025.126900>
- Akbardin, J., Permana, A. Y., & Nurahman, H. (2020). The Study Degree of Saturation on Toll Road Access Based on Changes in Urban Settlement Land. *Journal of Physics: Conference Series*, 1625(1). <https://doi.org/10.1088/1742-6596/1625/1/012038>
- Ali, A., Sharafian, A., Yasir Naeem, H. M., Zakarya, M., Wu, Z., & Bai, X. (2026). Advanced computational models for urban traffic flow prediction: A comprehensive review and future directions. *Computer Science Review*, 60. <https://doi.org/10.1016/j.cosrev.2025.100886>
- Al-Turki, M., Ratrouf, N. T., Rahman, S. M., & Assi, K. J. (2022). Signalized Intersection Control in Mixed Autonomous and Regular Vehicles Traffic Environment - A Critical Review Focusing on Future Control. *IEEE Access*, 10, 16942–16951. <https://doi.org/10.1109/ACCESS.2022.3148706>
- Angabektigusti, A. (2025). *ANALISIS KINERJA SIMPANG BERSINYAL DENGAN METODE PEDOMAN KAPASITAS JALAN INDONESIA (PKJI) 2023 DAN MIKROSIMULASI PTV VISSIM 2025 (Studi Kasus: Simpang Tengkawang, Kota Samarinda)*.
- Arunachalam, S. (2026). Long-term and short-term traffic flow prediction with different weather conditions using optimized wheel-graph attention based neural network. *Future Generation Computer Systems*, 176. <https://doi.org/10.1016/j.future.2025.108198>
- Badan Pusat Statistik Kabupaten Klaten. (2016). *Produk Domestik Regional Bruto Menurut Lapangan Usaha Kabupaten klaten 2011-2015*.
- Badan Pusat Statistik Kabupaten Klaten. (2020). *PRODUK DOMESTIK REGIONAL BRUTO KABUPATEN KLATEN MENURUT PENGELUARAN*.
- Badan Pusat Statistik Kabupaten Klaten. (2024). *PRODUK DOMESTIK REGIONAL BRUTO KABUPATEN KLATEN MENURUT LAPANGAN USAHA TAHUN 2019-2023*.



Badan Pusat Statistik Kabupaten Klaten. (2025). *PRODUK DOMESTIK REGIONAL BRUTO KABUPATEN KLATEN MENURUT LAPANGAN USAHA TAHUN 2020-2024*.

Bintang, G. (2025). *ANALISIS KINERJA SIMPANG BERSINYAL MENGGUNAKAN METODE HIGHWAY CAPACITY MANUAL 2010 DAN PERANGKAT LUNAK PTV VISSIM 2025 (Studi Kasus: Simpang Air Putih, Samarinda)*.

Bowman, M. (2025). Team Diversity in European Air Traffic Management Teams: A New Factor Relevant to Safety? *Transportation Research Procedia*, 88, 1–12. <https://doi.org/10.1016/j.trpro.2025.05.001>

Elawady, A., Abuzwidah, M., & Zeiada, W. (2022). The Benefits of Using Connected Vehicles System on Traffic Delay and Safety at Urban Signalized Intersections. *2022 Advances in Science and Engineering Technology International Conferences, ASET 2022*. <https://doi.org/10.1109/ASET53988.2022.9734911>

Finkelberg, I., Petrov, T., Gal-Tzur, A., Zarkhin, N., Pocta, P., Kovacicova, T., Buzna, L., Dado, M., & Toledo, T. (2022). The Effects of Vehicle-to-Infrastructure Communication Reliability on Performance of Signalized Intersection Traffic Control. *IEEE Transactions on Intelligent Transportation Systems*, 23(9), 15450–15461. <https://doi.org/10.1109/TITS.2022.3140767>

Ghanim, M. S., Shaaban, K., & Allawi, S. (2022). Operational Performance of Signalized Intersections: HCM and Microsimulation Comparison. *2022 Intermountain Engineering, Technology and Computing, IETC 2022*. <https://doi.org/10.1109/IETC54973.2022.9796675>

Hu, H., Choi, M. Y., Kim, B., Choi, M., Kang, S., Park, H., Park, M., Kim, J., & Woo, J. H. (2025). Integrating IAM-based CO₂ projections and traffic demand forecasting for regional CO₂ emission mapping in the transport sector. *Atmospheric Pollution Research*. <https://doi.org/10.1016/j.apr.2025.102790>

Kementrian Pekerjaan Umum dan Perumahan Rakyat Direktorat Jenderal Bina Marga, 2023. *Pedoman Kapasitas Jalan Indonesia*, Kementrian Pekerjaan Umum dan Perumahan Rakyat Direktorat Jenderal Bina Marga.



Manurung, R. (2024). *ANALISIS KINERJA LALU LINTAS PENGALIHAN ARAH ARUS LALU LINTAS DI JALAN KAPTEN PATIMURA KOTA MEDAN.*

Maulana, M. (2025). *TUGAS AKHIR EVALUASI KINERJA SIMPANG APILL MM UGM (PERFORMANCE EVALUATION OF MM UGM SIGNALIZED INTERSECTIONS).*

PERATURAN DAERAH KABUPATEN-KLATEN NOMOR 10 TAHUN 2021 TENTANG RENCANA TATA RUANG WILAYAH KABUPATEN KLATEN TAHUN 2021-2041, Pemerintah Kabupaten Klaten (2021).

PERATURAN MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT REPUBLIK INDONESIA NOMOR 13 TAHUN 2024 TENTANG KELAS JALAN BERDASARKAN PENGGUNAAN JALAN SERTA KELANCARAN LALU LINTAS DAN ANGKUTAN JALAN, Menteri Pekerjaan Umum dan Perumahan Rakyat Republik Indonesia (2024). <https://jdih.pu.go.id>

PERATURAN MENTERI PERHUBUNGAN REPUBLIK INDONESIA NOMOR 96 TAHUN 2015 TENTANG PEDOMAN PELAKSANAAN KEGIATAN MANAJEMEN DAN REKAYASA LALU LINTAS, Menteri Perhubungan Republik Indonesia (2015).

PERATURAN PEMERINTAH REPUBLIK INDONESIA NOMOR 32 TAHUN 2011 TENTANG MANAJEMEN DAN REKAYASA, ANALISIS DAMPAK, SERTA MANAJEMEN KEBUTUHAN LALU LINTAS (2011).

PERATURAN PEMERINTAH REPUBLIK INDONESIA NOMOR 34 TAHUN 2006 TENTANG JALAN (2006).

Tamin, O. Z. (2000). *Perencanaan dan pemodelan transportasi.* Penerbit ITB.

Wang, Z., Chen, Y., Su, J., Guo, Y., Zhao, Y., Tang, W., Zeng, C., & Chen, J. (2019). Measurement and Prediction of Regional Traffic Volume in Holidays. *Intelligent Transportation Systems Conference.*

Xiaodong, P., Xiang, W., Zhen, Y., & Haozhe, C. (2009). Highway traffic safety management system based on the theory of dissipative structures and catastrophe theory. *2009 International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2009, 3, 42–45.* <https://doi.org/10.1109/ICIII.2009.320>



Xie, Q., Zhang, Y., Gao, M., & Zhang, J. (2021). Influence of Intelligent Connected Signs for Traffic Flow and Lane-Changing Behavior. *2021 5th CAA International Conference on Vehicular Control and Intelligence, CVCI 2021*.
<https://doi.org/10.1109/CVCI54083.2021.9661142>

Yang, L., & Lan, W. (2018). On secondary development of PTV-VISSIM for traffic optimization. *The 13th International Conference on Computer Science & Education*.

Zhu, Y., Zhao, Z., He, J., & Wang, Y. (2021). Study on intersection traffic lights timing optimization system based on sparrow algorithm. *2021 IEEE 3rd International Conference on Communications, Information System and Computer Engineering, CISCE 2021*, 15–20. <https://doi.org/10.1109/CISCE52179.2021.9445998>