



Reference

- Abdullah, Y.A., Jamaluddin, N.B., Yakob, H., & Wang, Y. (2022). Interrelation of Transit-Oriented Development with Land Use Planning. *Environment-Behaviour Proceedings Journal*.
- Allirani, H., & Verma, A. (2021). Quality of life (QOL) effects of sustainable transport policy framework in developing economies. *Transportation in Developing Economies*, 8(1). <https://doi.org/10.1007/s40890-021-00141-4>
- Anderson, J. E. (1990). *Public policymaking: An introduction*. Houghton Mifflin.
- Annema, J. A. (2023). Transport Policy. In B. van Wee, J. A. Annema, D. Banister, & B. Pudāne (Eds.), *The Transport System and Transport Policy* (2nd ed., pp. 274–292). essay, Edward Elgar Publisher Limited.
- Arkyasa, M. (Ed.). (2023, February 22). *Jakarta's traffic congestion worsens, according to traffic index*. (R. Nugraha, Trans.)Tempo.Co. Retrieved 2023, from <https://en.tempo.co/read/1694714/jakartas-traffic-congestion-worsens-according-to-traffic-index>.
- ASEAN Secretariat. (2022). *Guidelines for the Development of Sustainable Urban Mobility Plans in ASEAN Metropolitan Regions*. the ASEAN Secretariat.
- Asim, M., Usman, M., Abbasi, M. S., Ahmad, S., Mujtaba, M. A., Soudagar, M. E., & Mohamed, A. (2022). Estimating the long-term effects of national and international sustainable transport policies on energy consumption and emissions of road transport sector of Pakistan. *Sustainability*, 14(9), 5732. <https://doi.org/10.3390/su14095732>
- Banister, D. (2008). The sustainable mobility paradigm. *Transport Policy*, 15(2), 73–80. <https://doi.org/10.1016/j.tranpol.2007.10.005>
- Basuki, K.H., Haryadi, B., & Riyanto, B.S. (2021). Analysis of Potential Mass Public Transport Choice Using Geographic Information System (Case Study: Commuter Line Jakarta – Bogor). *IOP Conference Series: Earth and Environmental Science*, 887.
- Beach, D., & Pedersen, R. B. (2013). *Process-tracing methods: Foundations and guidelines*. Ann Arbor: University of Michigan Press.
- Bintang, his muhammad. (2023). *Emission Reduction in Transportation*. IESR. 2023, <https://iesr.or.id/en/emission-reduction-in-transportation>
- Black, J. A., Paez, A., & Suthanaya, P. A. (2002). Sustainable Urban Transportation: Performance Indicators and some analytical approaches. *Journal of Urban Planning and Development*, 128(4), 184–209. [https://doi.org/10.1061/\(asce\)0733-9488\(2002\)128:4\(184\)](https://doi.org/10.1061/(asce)0733-9488(2002)128:4(184))
- Black, W.R., (2010). *Sustainable Transportation: Problems and Solutions*, first ed. The Guilford Press.



Boschmann, E. E., & Kwan, M.-P. (2008). Toward Socially Sustainable Urban Transportation: Progress and Potentials. *International Journal of Sustainable Transportation*, 2(3), 138–157. <https://doi.org/10.1080/15568310701517265>

Campbell, Scott. (2016). The planner's triangle revisited: Sustainability and the evolution of a planning ideal that can't stand still. *Journal of the American Planning Association*, 82(4), 388–397.

Carlos, H.J., Acosta-Perez, F.A., & Rodríguez-Román, D. (2023). An integrated ride-sharing and parking allocation system. *Transportation Letters*.

Chotib (2020). Spatial Distance And Mode Of Transportation Choices In Jabodetabek Metropolitan Area: A Sakernas 2017 Micro-Data Analysis On Commuting Pattern Of Workers. *IOP Conference Series: Earth and Environmental Science*, 436.

Curtis, C. (2020). *Handbook of Sustainable Transport*. Edward Elgar Publishing.

Creswell, J. W., & Creswell, J. D. (2018). *Research design: Qualitative, quantitative, and mixed methods approaches* (5th ed.). Sage Publications, Inc.

Dewi, R. K., Iriawan, N., & Irhamah. (2018). *Transportation choice modeling on commuters in Jabodetabek using bayesian network and polytomous logistic regression*. 2018 International Conference on Information and Communications Technology (ICOIACT). <https://doi.org/10.1109/icoiaact.2018.8350802>

DKI Jakarta Environmental Agency. (2019). *Inventarisasi Emisi Gas Rumah Kaca Provinsi DKI Jakarta*. Dinas Lingkungan Hidup Provinsi DKI Jakarta.

Dingil, A. E., Rupi, F., & Esztergár-Kiss, D. (2021). An Integrative Review of Socio-Technical Factors Influencing Travel Decision-Making and Urban Transport Performance. *Sustainability*, 13(18), 10158. <https://doi.org/10.3390/su131810158>

Djamhari, E. A., Peters, R., Fanggidae, V., & Lauranti, M. (2017). (rep.). *GO-JEK Kemacetan, Informalitas dan Inovasi Transportasi Perkotaan di Indonesia*. DKI Jakarta, Indonesia : Perkumpulan Prakarsa.

Dwinanda, R. (2021). *Survei: Biaya Transportasi Warga DKI Rp 500 Ribu per Bulan*. Republika Online. <https://news.republika.co.id/berita/qwydaq414/survei-biaya-transportasi-warga-dki-rp-500-ribu-per-bulan>

Edelman, D. J., & Gunawan, D. S. (2020). Managing the urban environment of Jakarta, Indonesia. *Current Urban Studies*, 8(01), 57.

Farda, M., & Lubis, H.A. (2018). Transportation System Development and Challenge in Jakarta Metropolitan Area, Indonesia. *International Journal of Sustainable Transportation Technology*.

Firdaus, A., & Pandin, M. (2021). Paradigm of Historical Science in Development of Land Transportation facilities in DKI Jakarta. *Preprints*. <https://doi.org/10.20944/preprints202106.0289.v1>



Forino, B. D., & Putranto, L. S. (2023). Persepsi Pengguna Transportasi Umum di Jabodetabek TERHADAP integrasi tarif PT jaklingko Indonesia. *JMTS: Jurnal Mitra Teknik Sipil*, 71–84. <https://doi.org/10.24912/jmts.v6i1.16430>

Frazila, R. B., Zukhruf, F., Nugroho, T. S., Karsaman, R. H., & Rahman, H. (2021). Pengembangan metode penilaian indikator transportasi berkelanjutan di Indonesia. *Jurnal Teknik Sipil*, 28(1), 73–82. <https://doi.org/10.5614/jts.2021.28.1.8>

Goodwin, P., & Curtis , C. (2020). Sustainable transport: Looking back - looking forward . In *Handbook of Sustainable transport*. Edward Elgar Publishing Limited.

Grindle, M. S. (Ed.). (1980). *Politics and Policy Implementation in the Third World*. Princeton University Press. <http://www.jstor.org/stable/j.ctt1m323qj>

Hermawan, I., Sitorus, S.R., Machfud, Mansyur, U., & Poerwo, I.F. (2019). Policy Model of Sustainable Public Transport Accessibility in Sukabumi City of Indonesia. *Journal of Economics and Sustainable Development*.

Hidayati, I., Yamu, C., & Tan, W. (2019). The emergence of mobility inequality in Greater Jakarta, Indonesia: A socio-spatial analysis of path dependencies in transport–land use policies. *Sustainability*, 11(18), 5115. <https://doi.org/10.3390/su11185115>

Hull, A. (2008). Policy integration: What will it take to achieve more sustainable transport solutions in cities? *Transport Policy*, 15(2), 94–103. <https://doi.org/10.1016/j.tranpol.2007.10.004>

Indonesia Statistic Bureau. (2019). *Statistic Komuter Jabodetabek 2019*. Indonesia Statistic Bureau.

Indonesia Statistic Bureau. (2022). *Statistik Transportasi Darat 2022*. Indonesia Statistic Bureau.

Jenny, J., Rifai, A. I., & Handayani, S. (2023). Comparative study of the Sustainability Transport Systems. *IJEBD (International Journal of Entrepreneurship and Business Development)*, 6(2), 254–264. <https://doi.org/10.29138/ijebd.v6i2.2159>

Japan International Cooperation Agency (JICA). (2019). *JABODETABEK Urban Transportation Policy Integration Project Phase 2 in the Republic of Indonesia*.

KAI commuter. (2022). *KAI Commuter Annual report 2021*.

Karjalainen, L. E., & Juhola, S. (2021). Urban Transportation Sustainability Assessments: A systematic review of literature. *Transport Reviews*, 41(5), 659–684. <https://doi.org/10.1080/01441647.2021.1879309>

Kennedy, C., Miller, E., Shalaby, A., Maclean, H., & Coleman, J. (2006). The four pillars of Sustainable Urban Transportation. *Transport Reviews*, 25(4), 393–414. <https://doi.org/10.1080/01441640500115835>



Kenworthy, J. R. (2006). The eco-city: Ten key transport and planning dimensions for sustainable city development. *Environment and Urbanization*, 18(1), 67–85. <https://doi.org/10.1177/0956247806063947>

Kraus, L. and Proff, H. (2021) ‘Sustainable Urban Transportation Criteria and measurement—a systematic literature review’, *Sustainability*, 13(13), p. 7113. doi:10.3390/su13137113.

Litman, T., & Burwell, D. (2006). Issues in sustainable transportation. *International Journal of Global Environmental Issues*, 6(4), 331. <https://doi.org/10.1504/ijgenvi.2006.010889>

Lucas, K. (2012). Transport and social exclusion: Where are we now? *Transport Policy*, 20, 105-113.

Marino, E., & Jayakrishnan, R. (2023). Agent-Based Mobility Simulation for Potential Cost and Benefits of Subscription Services with Associated Cost Structures. *Transportation Research Record: Journal of the Transportation Research Board*. <https://doi.org/10.1177/03611981231179471>

Meyers, D. C., Durlak, J. A., & Wandersman, A. (2012). The Quality Implementation Framework: A synthesis of critical steps in the implementation process. *American Journal of Community Psychology*, 50(3–4), 462–480. <https://doi.org/10.1007/s10464-012-9522-x>

MRT Jakarta. (2023). *PT MRT Jakarta 2022 Sustainability Report*. In <https://jakartamrt.co.id/id/sustainability-report>. PT moda raya Transportasi Jakarta.

OECD (2001). *Policy Instruments for Achieving Project Environmentally Sustainable Transport*, OECD Publishing, Paris

OECD (2020). *OECD Regions and Cities at a Glance 2020*, OECD Publishing, Paris, <https://doi.org/10.1787/959d5ba0-en>.

Pangaribuan, G.R., & Purba, D.S. (2020). The Impact of LRT Jabodebek in Enforcing Capability of the Intercity Transportation Network in the Greater Jakarta Area. *International Journal on Advanced Science, Engineering and Information Technology*, 10, 828-836.

Pei, Y. L., Amekudzi, A. A., Meyer, M. D., Barrella, E. M., & Ross, C. L. (2010). Performance Measurement Frameworks and Development of Effective Sustainable Transport Strategies and Indicators. *Transportation Research Record*, 2163(1), 73–80. <https://doi.org/10.3141/2163-08>

Pojani, D., & Stead, D. (2015). Sustainable Urban Transport in the developing world: beyond megacities. *Sustainability*, 7(6), 7784–7805. <https://doi.org/10.3390/su7067784>

Pojani, D., & Stead, D. (2018). Policy design for sustainable urban transport in the global south. *Policy Design and Practice*, 1(2), 90–102. <https://doi.org/10.1080/25741292.2018.1454291>



Priyanta, M., & Zulkarnain, C. S. (2023). Sustainable Infrastructure Legal Policy in Indonesia: A national strategic project approach for national development. *Sriwijaya Law Review*, 7(1), 1. <https://doi.org/10.28946/slrev.vol7.iss1.1108.pp1-18>

PT Transportasi Jakarta. (2023). *Annual Report 2022 of PT Transportasi Jakarta*.

Resdiansyah, I. (2021). *Sustainability assessment of urban transport system in Greater Jakarta*.

Rodrigue, J.-P. (2020). *The Geography of Transport Systems*. Routledge.

Richardson, B. C. (1999). Toward a policy on a sustainable transportation system. *Transportation Research Record: Journal of the Transportation Research Board*, 1670(1), 27–34. <https://doi.org/10.3141/1670-05>

Ritchie H and Max R (2018) - "Urbanization". Published online at OurWorldInData.org.
Retrieved from: '<https://ourworldindata.org/urbanization>'

Roman, M. (2022). Sustainable Transport: A State-of-the-Art Literature Review. *Energies*, 15(23), 8997. <https://doi.org/10.3390/en15238997>

Rukmana, D. (2018). Rapid urbanization and the need for sustainable transportation policies in Jakarta. *IOP Conference Series: Earth and Environmental Science*, 124.

Soto, J. J., Cantillo, V., & Arellana, J. (2021). Market segmentation for incentivising sustainable transport policies. *Transportation Research Part D: Transport and Environment*, 99, 103013. <https://doi.org/10.1016/j.trd.2021.103013>

Statistic Bureau of Bogor Municipality. (2023). *Bogor Municipality in Figure 2023*. BPS-Statistic of Bogor Municipality.

Statistic Bureau of Bekasi Municipality. (2023). *Bekasi Municipality in Figure 2023*. BPS-Statistic of Bekasi Municipality.

Statistic Bureau of Depok Municipality. (2023). *Depok Municipality in Figure 2023*. BPS-Statistic of Depok Municipality.

Statistic Bureau of DKI Jakarta Province. (2023a). *DKI Jakarta Province in Figure 2023*. BPS-Statistic of DKI Jakarta Province.

Statistic Bureau of DKI Jakarta Province. (2023b). *Statistik Transportasi DKI Jakarta 2022*. BPS-Statistic of DKI Jakarta Province.

Statistic Bureau of Tangerang Municipality. (2023). *Tangerang Municipality in Figure 2023*. BPS-Statistic of Tangerang Municipality.

Statistic Bureau of Tangerang Selatan Municipality. (2023). *Tangerang Selatan Municipality in Figure 2023*. BPS-Statistic of Tangerang Selatan Municipality.



Sultana, S., Salon, D., & Kuby, M. (2017). Transportation sustainability in the urban context: a comprehensive review. *Urban Geography*, 40(3), 279–308. <https://doi.org/10.1080/02723638.2017.1395635>

Syahbandi, M., Mardiah, A. N. R., & Wijaya, S. E. (2022). Designing sustainable transportation strategy in COVID-19: Jabodetabek commuter community movement in Indonesia. *International Journal for Disaster and Development Interface*, 2(1). <https://doi.org/10.53824/ijddi.v2i1.20>

The UN Secretary General's High-Level Advisory Group on Sustainable Transport, (2016). *Mobilizing Sustainable Transport for Development*. UN. <https://sustainabledevelopment.un.org/content/documents/12453HLAG-ST%20brochure%20web.pdf>.

Tjahjono, T., Kusuma, A., & Septiawan, A. (2020). The Greater Jakarta area commuters travelling pattern. *Transportation Research Procedia*, 47, 585–592. <https://doi.org/10.1016/j.trpro.2020.03.135>

Transportation Research Board (1997). Toward a Sustainable Future; *Special Report 251*; Transportation Research Board: Washington, DC, USA

UNESCAP (2017) Monograph series on sustainable and Inclusive Transport; assessment of Urban Transport Systems. NEW YORK: UNITED NATIONS.

Vital Strategies. (2020). (tech.). *Identifying the Main Sources of Air Pollution in Jakarta: A Source Apportionment Study*. Retrieved 2023, from <https://www.vitalstrategies.org/resources/identifying-the-main-sources-of-air-pollution-in-jakarta-a-source-apportionment-study/>.

Wang, S., Wang, J., & Hu, X. (2023). Optimization of unsubsidized and subsidized customized bus services. *Transportation Planning and Technology*, 46, 672 - 693.

Wee, B. van, Annema, J. A., Banister, D., & Pudāne, B. (2023). *The Transport System and Transport Policy: An introduction*. Edward Elgar Publishing.

Widjaya, T., & Ardi, R. (2020). Multigeneration Perspective on Public Transportation Use in the Greater Jakarta Area: A Conceptual Model. *Proceedings of the 3rd Asia Pacific Conference on Research in Industrial and Systems Engineering*.

Wong, Z., Chen, A., Shen, C., & Wu, D. (2022). Fiscal policy and the development of Green Transportation Infrastructure: The case of China's high-speed railways. *Economic Change and Restructuring*, 55(4), 2179–2213. <https://doi.org/10.1007/s10644-021-09381-1>

Yin, R.K. (2018) *Case study research and applications: Design and methods*. Los Angeles, CA: SAGE.

Yucesan, M., Özkan, B., Mete, S., Gul, M., & Özceylan, E. (2024). Evaluating sustainability of urban mobility of Asian cities: An integrated approach of interval type-2 fuzzy best-worst method and Multimoora. *Engineering Applications of Artificial Intelligence*, 127, 107266. <https://doi.org/10.1016/j.engappai.2023.107266>



Zami, A. K. (2019). Sustainable and environmentally friendly transportation: What we can learn for Indonesia. *CSID Journal of Infrastructure Development*, 2(2), 198.
<https://doi.org/10.32783/csid-jid.v2i2.72>

Zhou, J. (2012). Sustainable Transportation in the US: A review of proposals, policies, and programs since 2000. *Frontiers of Architectural Research*, 1(2), 150–165.
<https://doi.org/10.1016/j foar.2012.02.012>